

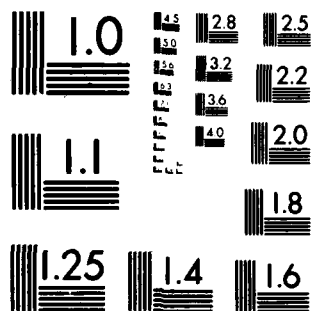
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MANPOWER REQUIREMENTS REPORT FOR FY 1981. BASE STRUCTURE ANNEX.(U)  
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**DEPARTMENT OF DEFENSE**

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**BASE STRUCTURE ANNEX** <sup>C</sup>

**To**

**Manpower Requirements Report**

**for FY 1981**

**JANUARY 1980**

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**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE**  
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BASE STRUCTURE ANNEX

TO

6 MANPOWER REQUIREMENTS REPORT  
FOR  
FY 1981. Base Structure  
Annex.

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Prepared By

Office of the Assistant Secretary of Defense  
(Manpower, Reserve Affairs and Logistics)

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## INTRODUCTION



## CHAPTER ONE

### INTRODUCTION

The Department of Defense is pleased to submit the fourth Base Structure Report to the Congress in compliance with Section 302, Public Law 94-361. This report is an Annex to the FY 1981 Defense Manpower Requirements Report (required to be submitted to the Congress each fiscal year under the provisions of Section 138(c) of Title 10, United States Code).

The report should be read and used in conjunction with the following related Department of Defense (DoD) FY 1981 reports which contain information on the DoD forces, personnel, funds, equipment and other resources needed for FY 1981 and beyond:

- Department of Defense Annual Report, Fiscal Year 1981 from the Secretary of Defense.
- The Defense Manpower Requirements Report for FY 1981.
- The Military Manpower Training Report for FY 1981.

#### I. Reporting Requirement

This report on the DoD Base Structure is required to be submitted to the Congress under the provisions of Section 302, Public Law 94-361 which states as follows:

Paragraph (3) of Section 138(c) of Title 10, United States Code (requiring submission of the annual Defense Manpower Requirements Report), is amended by adding at the end thereof a new sentence as follows: "Such report will also identify, define, and group by mission and by region the types of military bases, installations and facilities and shall provide an explanation and justification of the relationship between this base structure and the proposed military force structure together with a comprehensive identification of base operating support costs and an evaluation of possible alternatives to reduce such costs."

In addition, the report includes information on the historical trends of the base structure and data on the size and population of the installations listed in Section VI of each of the Military Service Chapters as required by Senate Armed Services Committee Report Number 95-129.

## II. Content and Organization

➤ This Annex contains a report on the DoD base structure associated with the forces and personnel levels included in the President's Budget for FY 1981. The Annex has been prepared with the intent of providing an understanding of the scope, size and purpose of the base structure as it exists at the present time. The base structure is identified in this report by Military Service and regionally, by bases in the Fifty States, U.S. Territories and Possessions and foreign overseas areas. Listed in the report are installations and activities which can be directly related to the force levels of the Military Services. Installations have been categorized and are discussed on the basis of their primary mission. The categorization of installations is based upon a classification system developed for this report and discussed in the FY 1978 Base Structure Annex. This classification system is depicted on Tables I and II at the end of Chapter One. For the most part, Reserve Centers, Reserve Component weekend training sites and other small properties are not separately identified. Also not included are separate properties used for housing sites, navigational aids, radar sites, etc. In addition to classification of the base structure, as part of the justification and explanation of the base structure, the major unit, activity or purpose of each separately identified installation is provided.

➤ Base operations costs for each Service, as compiled from the DoD budget process, are also identified together with an explanation of actions being taken by the Defense Department to reduce such costs. Proposed actions which affect the base structure and base operations costs are also highlighted and discussed.

The report is organized into five chapters as follows:

### Chapter One - INTRODUCTION

This chapter includes an introduction to the report, explanation of the DoD Installation Defense Planning and Programming (IDPP) Categories, the scope, size and real property investment of the entire DoD base structure, and the definition of base operations costs.

## Chapters Two to Five - MILITARY SERVICE BASE STRUCTURES

These chapters discuss in detail the relationship of the base structure to the Service force structures; the composition of base operations costs and the programmed expenditures for this area; actions taken to reduce annual base operations costs and the identification of Service installations worldwide categorized by primary mission, function, or activity of the principal installation in accordance with the IDPP Category Classification System. Chapter Two provides the information on the Army base structure, Chapter Three the Navy base structure, Chapter Four the Air Force base structure and Chapter Five the Marine Corps base structure. Each chapter contains the following Sections.

<u>Section</u>	<u>Title</u>
I	Introduction
II	Base Structure Overview
III	Relationship of Base Structure to Force Structure
IV	Base Operations Costs
V	Actions to Reduce Annual Base Operations Costs
VI	Service Base Structure Listing by IDPP Categories and Geographic Area

### III. DoD Base Structure

The worldwide DoD base structure for FY 1981 will accommodate an active force of 2,059,000 military and 990,000 civilian personnel and, based upon the latest available data, will consist of 5,607 separate installations and properties. These installations and properties range from the small, one-half acre of land for a navigational aid to the Army's Fort Hood, Texas, one of the largest and most heavily populated installations in the DoD inventory. Table III at the end of this chapter depicts the total DoD properties and installations by Military Department and region (U.S., US Territories and Possessions and foreign overseas areas) at the end of FY 1979.

The worldwide installations and properties under the control of the DoD at the end of FY 1979 amount to 26,718,000 acres of land of varying interests with a total original

real property investment cost of \$48.5 billion. The total acreage and real property investment by Military Department and by region are shown in Table IV at the end of Chapter One.

#### IV. Regional Classification

The DoD base structure has also been classified by region, which together with the IDPP Category Classification System and the actual location of each military base enables identification of the purpose, region and location of each principal base. The regional classification for the military base structure is based upon the location of the military base in the Fifty States, U.S. Territories and Possessions or foreign overseas areas.

#### V. Categorization of Military Installations

The four Military Services, in the following chapters, have identified and grouped their principal installations and associated important properties using the IDPP Category and regional classification systems developed for this report. Each such installation is identified by name, location of nearest city, State, county or area, and its major unit, activity or function. Within each IDPP Category grouping, the installations are listed by regional location (Fifty States, U.S. Territories and Possessions, and foreign overseas areas). A narrative explanation and justification by IDPP Category of the base structure in relation to the force levels is also presented in each of the following four Military Services Chapters. The installation listings in the Military Service Chapters have been expanded from the original report to more accurately reflect the total Department of Defense base structure. The Senate Armed Services Committee requires that information on the size and population of the installations be included. Accordingly, to meet this requirement, a ranking column is included in the listings in Section VI of each of the Military Service Chapters for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data. Two categories of population data are depicted on the listings. The total authorized full time assigned (AFTA) military and civilian personnel represent the basic installation population. Added to this population are the appropriated fund financed contractor personnel assigned to the installation, the average daily student load, if applicable, and a daily equivalent Reserve Component training load, as appropriate, to result in the "total personnel" at the installation. This latter figure more accurately reflects the installation population workload. Both the population and land area data in the listings are for the end of the latest available fiscal year.

Table VII contains a summary, by IDPP category and by regional classification, of the number of installations, activities and properties listed in Section VI of each of the Military Service Chapters. This table, as do the similar tables in the Military Service Chapters, displays the installations based upon their individual IDPP categories and regional location and not necessarily as they are included in the listings in Section VI of the Military Service Chapters. For example, an associated installation or property may have a different IDPP category from the principal installation with which it is associated and/or be in a different region (i.e., a principal installation in the U.S. may have associated properties located in a U.S. Territory or Possession). A list of the abbreviations used in the listings in Section VI of the Military Service Chapters is included at the end of the Marine Corps listing.

#### VI. Base Operations Costs

In 1977, the Senate Appropriations Committee directed that the DoD establish a uniform definition for base operating functions and costs. This requirement was endorsed by the Senate and House Appropriations Conference Report on the FY 1978 Defense Appropriations Act. The uniform definition of BOS has been developed and the Military Services have used it to provide the information on base operating support costs required for this report. It should be noted that the Base Operations Costs included in the report are for all installations and properties in the real property inventory not just for those listed in Section VI of the Military Service Chapters. Table VI contains a summary of the Department of Defense base operations costs for this report reflecting the total of these costs included in each of the Military Service Chapters. The uniform definition of BOS follows:

#### DEFINITION OF BASE OPERATING SUPPORT (BOS) COSTS

##### 1. Purpose

Base operating support (BOS) costs have been defined in such a way that all overhead functions which do not directly contribute to the mission accomplishment of combat units and tenants on Department of Defense (DoD) installations, activities and facilities are classed as BOS. It must be appreciated that all DoD resources ultimately contribute to the Defense mission. Nevertheless, in order to identify those functions which the Department considers to be the overhead costs of its base structure, it was necessary to make a distinction. A common definition of BOS enables the Military Departments

and Agencies to report consistent data on base operating support costs to the Secretary of Defense, the Congress, and other organizations, as required.

The uniform definition of BOS differs from the program element structure upon which the Five Year Defense Plan (FYDP), the Defense Budget and other similar documents are based. Program elements reflect the way in which the DoD organizes and manages resources, and do not lend themselves to requirements of the Congress when reviewing BOS in total. The intent of establishing a uniform definition of BOS was not to change organizational arrangements to fit the definition, but the development of new functional categories within the current DoD financial system.

The uniform definition of BOS does not differentiate between fixed, semi-variable and variable costs. Therefore, financial reports based on the definition will not indicate potential savings, for example, from base realignments. Potential savings, therefore, can be determined only through case-by-case studies of specific base realignment proposals.

## 2. Definition

The term "base operating support costs" refers to resources used at DoD installations, activities and facilities to provide services so that operational units and tenants can pursue mission objectives free of unrelated responsibilities. The services listed below are considered BOS regardless of whether they are incurred: by the installation commander; by an activity or an installation which is not part of the installation organization (medical, commissary, etc.); by a subinstallation; by a separate facility; or by activities controlled by a central authority. In addition, this definition of BOS applies regardless of whether or not the installation (or activity) commander is responsible for planning, programming, budgeting, expending and/or accounting for the costs involved in these services. In other words, these services are considered BOS regardless of what organizational entity is responsible for the funds, manpower, and equipment needed to perform the function.

The BOS services fall into four broad categories:

Facility services to maintain land, plant and equipment.

Administrative services to accomplish clerical functions and increase efficiency.

Specific services to consolidate common type functions, increase efficiency and to insure a safe and habitable work place.

Community support services to maintain morale, welfare, recreation and to provide programs associated with military life and required by law.

The resources include expenses for both military and civilian manpower and both direct and reimbursable appropriated funds (regardless of source), but exclude nonappropriated expenses which are not a cost to the Government. Appropriations/funds which pay for recurring costs are operation and maintenance, military personnel (active, Reserve and Guard), RDT&E, family housing, industrial funds and installation schools. Nonrecurring costs for facilities and equipment to perform base operating support functions are generally funded by military construction and procurement appropriations. The definition includes all family housing costs but excludes BAQ payments. Future refinements of the definition may consider changes such as these payments.

### 3. BOS Functional Categories

Each category of BOS service includes the following functional costs:

#### Facility Services:

Maintenance and Repair of all Real Property

- Buildings
- Other Facilities
- Pavements (roads, parking areas, etc.)
- Land (grounds)
- R.F. Trackage

Minor Construction (with other than military construction funds).

Operation of Utilities for all Real Property.

Other Engineering Support (excludes rentals, fire protection).

- Custodial Services
- Entomology Services
- Refuse Collection and Disposal
- Snow Removal and Ice Alleviation

Rental of all Real Property except payments for GSA controlled space (includes cost of lease and all utilities and services).

Standard Level User Charges (SLUC) paid for GSA controlled space.

Special user service charges paid for GSA controlled space (includes annual recurring and one time costs for alterations of space).

Land Management.

Support Groups/Units Assigned to these functions.\*

Related Investment.\*\*

Administrative Services:

Installation Headquarters Administration and Command (including squadron level responsible for Base Operations)

Installation Comptroller

- Accounting and finance
- Budget
- Management analysis/engineering
- Internal review

Installation ADP services

Installation Public Information Activities

Installation Legal

Installation Civilian Personnel Administration

Installation Military Personnel Administration

Installation Printing and Reproduction

Installation Safety

Installation Engineering Service

Related Investment\*\*

Support Groups/Units assigned to these functions\*

Specific Services:

Installation Audio/Visual

Installation Supply Operations (retail only)

Installation Transportation Activities

Installation Procurement Operations

Installation Training (excludes troop training and tactical exercises)

Fire Protection and Prevention

Installation Physical Security and Police Activities

Installation Communications



8  
Laundry and Dry Cleaning (for troop support and other appropriated fund activities)  
Installation Airfield/Air Base Operations (control tower, weather, flight services, etc.)  
Installation Storage Activities  
Maintenance of Installation Materiel (includes maintenance of administrative aircraft, vehicles and equipment but excludes maintenance of tactical equipment, combat vehicles and mission aircraft)  
Support Group/Units Assigned to these functions\*  
Related Investment\*\*

Community Support Services (includes only appropriated fund support)

Operation of Medical Clinics and Dispensaries (excludes regional hospitals)  
Operation of Dental Clinics (excludes regional clinics)  
Bachelor Housing Operations and Furnishings (management; housing assignment; care of quarters; provision, care, preservation and maintenance of furnishings, etc.)  
Retail Commissary Operations  
Operations of Troop Issue Commissary for Subsistence  
Installation Food Services  
Family Housing (FHMA account less reimbursables for other services/facilities already included, i.e., utilities, maintenance and repair of facilities, etc.)  
Appropriated Fund Support for Installation Dependent School Operations in U.S.  
Morale, Welfare and Recreation Activities  
- Clubs  
- Messes  
- Libraries  
- Sports Activities and Operation of Recreational Facilities  
- Craft Shops  
- Radio  
- Television  
- Newspapers  
Social Action Programs  
Community Service Activities  
Chaplain Activities  
Bands  
Support Groups/Units assigned to these functions\*  
Related Investment\*\*

\*Also includes resources used by groups/units assigned to specific BOS tasks on an ad hoc basis such as engineer/Red Horse/SeaBee units assigned to repair/construction facilities, roads, parking areas; etc., even if the work is classified a military unit training project.

\*\*Investment costs include the total authorized construction program for each fiscal year, as well as expansion, extension, and renovation of facilities with military construction funds. Investment also includes the costs to procure equipment needed to perform the functions in each category of service.

## VII. Conclusion

In conclusion, the base structure is a dynamic element of the DoD force posture and has evolved over time to its present composition and size. Changing forces, wartime scenarios, resource availability, technology and many other factors influence its size and composition. In addition, the DoD constantly undertakes reviews to improve the management and efficiency of the base structure. In all these actions, DoD has the objective of establishing the most effective, efficient and economic base structure to meet current and projected peacetime, contingency and mobilization requirements. Table V at the end of this chapter depicts the summary of the announced base realignment actions taken by the DoD since 1969 towards this objective.

TABLE I  
DEPARTMENT OF DEFENSE BASE STRUCTURE ANNEX  
INSTALLATION DEFENSE PLANNING AND PROGRAMMING (IDPP) CATEGORY CLASSIFICATION

MAJOR DEFENSE PROGRAMS										
DEFENSE PLANNING AND PROGRAMMING CATEGORIES	O1 STRATEGIC	O2 GENERAL PURPOSE	O3 INTELL & COMINT	O4 AERIAL/NAVAL/STRAT	O5 COMBAT & RESERVE	O6 RESEARCH & DEVELOP	O7 CENTRAL SUPPLY & MAINT	O8 TRAINING MEDICAL & OTH PMO	O9 ARMED & ASSOCIATED	IN SPT OF OTHER NATIONS
1 STRATEGIC FORCES	STRAT AIRCRAFT STRAT MISSILE STRAT CRUISE STRAT SUB STRAT BOMBER		NAV INTEL AND SIG		STRAT AIRCRAFT STRAT MISSILE STRAT BOMBER	STRAT ACT PMO STRAT MISSILE PMO STRAT BOMBER PMO STRAT SUB PMO				
2 GENERAL PURPOSE FORCES		GENERAL PURPOSE TACTICAL AIRCRAFT TACTICAL AIRCRAFT TACTICAL AIRCRAFT TACTICAL AIRCRAFT	TAC AIR CONTROL TACTICAL AIRCRAFT TACTICAL AIRCRAFT TACTICAL AIRCRAFT	TACTICAL AIRCRAFT STRATEGIC AIRCRAFT STRAT TACTICAL AIRCRAFT	GENERAL PURPOSE TACTICAL AIRCRAFT TACTICAL AIRCRAFT TACTICAL AIRCRAFT TACTICAL AIRCRAFT	GENERAL PURPOSE PMO TACTICAL AIRCRAFT PMO TACTICAL AIRCRAFT PMO TACTICAL AIRCRAFT PMO				
3 AERIAL/NAVAL/STRAT FORCES			INTELLIGENCE COMMUNICATIONS COMINT/ELINT		INTELLIGENCE COMMUNICATIONS COMINT/ELINT	RESEARCH PROJECTS ADVANCED DEV PMO ADVANCED DEV PMO ADVANCED DEV PMO	CAPTURED TAC BOMBS			DATA SUPPORT/RESEARCH/DEVELOPMENT/ANALYSIS
4 RESEARCH SUPPORT FORCES	RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES	RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES	RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES	RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES	RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES	RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES RESEARCH SUPPORT FORCES				RESEARCH/DEVELOPMENT/ANALYSIS
5 CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES	CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES CENTRAL SUPPLY FORCES
6 SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES	SUPPORT FORCES SUPPORT FORCES SUPPORT FORCES

PROGRAM ELEMENT GROUPINGS

**TABLE II**  
**INSTALLATION DEFENSE PLANNING**  
**AND PROGRAMMING (IDPP) CATEGORIES**

<u>IDPP</u>	<u>CATEGORY</u>
101	Strategic Forces - Strategic
103	Strategic Forces - Intelligence and Communications
105	Strategic Forces - Guard and Reserve
106	Strategic Forces - Research and Development
202	General Purpose Forces - General Purpose
203	General Purpose Forces - Intelligence and Communications
204	General Purpose Forces - Airlift/Sealift Forces
205	General Purpose Forces - Guard and Reserve
206	General Purpose Forces - Research and Development
303	Auxiliary Forces - Intelligence and Communications
305	Auxiliary Forces - Guard and Reserve
306	Auxiliary Forces - Research and Development
307	Auxiliary Forces - Central Supply and Maintenance (Eastern Test Range)
401	Mission Support Forces - Strategic
402	Mission Support Forces - General Purpose
403	Mission Support Forces - Intelligence and Communications
404	Mission Support Forces - Airlift/Sealift Forces
405	Mission Support Forces - Guard and Reserve
502	Central Support Forces - General Purpose
503	Central Support Forces - Intelligence and Communications
505	Central Support Forces - Reserve and Guard
506	Central Support Forces - Research and Development
507	Central Support Forces - Central Supply and Maintenance
508	Central Support Forces - Training, Medical and Other Personnel)
509	Central Support Forces - Administration and Associated Activities
601	Individuals - Strategic
602	Individuals - General Purpose
603	Individuals - Intelligence and Communications
604	Individuals - Airlift/Sealift Forces
605	Individuals - Guard and Reserves
608	Individuals - Training, Medical and Other Personnel

TABLE III  
DEPARTMENT OF DEFENSE  
MILITARY PROPERTY SUMMARY  
30 SEPTEMBER 1979

	<u>FIFTY STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN OVERSEAS AREAS</u>	<u>TOTAL</u>
ARMY	1,302	31	914	2,247
NAVY <u>1/</u>	593	22	57	672
AIR FORCE	<u>2,114</u>	<u>26</u>	<u>548</u>	<u>2,688</u>
TOTAL	4,009	79	1,519	5,607

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1/ Includes Marine Corps

TABLE IV

DEPARTMENT OF DEFENSE  
REAL PROPERTY HOLDINGS  
30 SEPTEMBER 1979

(MILLIONS OF ACRES)

	<u>FIFTY STATES</u>	<u>U.S. TERRITORIES AND POSSESSIONS</u>	<u>FOREIGN OVERSEAS AREAS</u>	<u>TOTAL</u>
ARMY	11.671	.151	.366	12.188
NAVY <u>1/</u>	3.468	.074	.238	3.780
AIR FORCE	<u>9.239</u>	<u>.041</u>	<u>1.470</u>	<u>10.750</u>
TOTAL	24.378	.266	2.074	26.718

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REAL PROPERTY INVESTMENT  
30 SEPTEMBER 1979

(\$ MILLIONS)

ARMY	\$14,357	\$ 450	\$ 781	\$15,588
NAVY <u>1/</u>	12,099	846	1,514	14,459
AIR FORCE	<u>15,599</u>	<u>431</u>	<u>2,447</u>	<u>18,477</u>
TOTAL	\$42,055	\$1,727	\$4,742	\$48,524

1/ Includes Marine Corps

TABLE V

SUMMARY OF ANNOUNCED INSTALLATION AND ACTIVITY  
REALIGNMENT AND CLOSURE ACTIONS (EXCLUDING SVN AND THAILAND)  
JANUARY 1969 Thru DECEMBER 1979

FIFTY STATES AND PUERTO RICO				ANNUAL SAVINGS (\$ Mil)
SERVICE	NO. OF ACTIONS	POSITIONS ELIMINATED MIL	CIV	
ARMY	948	77,677	76,266	1,558.2
NAVY	1,362	147,588	72,691	1,619.5
AIR FORCE	941	99,046	45,673	1,600.0
DEFENSE	211	2,088	10,765	125.3
TOTAL	3,462	326,399	205,395	4,903.0
OVERSEAS				
ARMY	151	29,220	29,097	476.2
NAVY	147	5,140	14,594	90.5
AIR FORCE	86	29,489	8,053	309.8
DEFENSE	10	62	4	0.6
TOTAL	394	63,911	51,748	877.1
WORLDWIDE				
ARMY	1,099	106,897	105,363	2,034.4
NAVY	1,509	152,728	87,285	1,710.0
AIR FORCE	1,027	128,535	53,726	1,909.8
DEFENSE	221	2,150	10,769	125.9
TOTAL	3,856	390,310	257,143	5,780.1

TABLE VI

SUMMARY OF MAJOR DEFENSE PROGRAMS  
BASE OPERATIONS COSTS (\$ Millions)  
DEPARTMENT OF DEFENSE

MAJOR DEFENSE PROGRAMS	FIFTY STATES	US TERRITORIES AND POSSESSIONS	FOREIGN OVERSEAS AREAS	TOTAL
Strategic (01)	1,182.5	18.0	7.0	1,207.5
General Purpose (02)	3,427.2	175.2	3,540.5	7,142.9
Intelligence & Communications (03)	251.4	13.7	166.1	431.2
Air/Sealift (04)	361.0	-	11.0	372.0
Guard & Reserve (05)	661.6	2.0	-	663.6
Research & Development (06)	687.8	-	2.6	690.4
Central Supply & Maintenance (07)	1,641.0	7.1	67.9	1,716.0
Training, Medical & Other Personnel (08)	3,258.7	26.2	389.3	3,674.2
Administration & Association (09)	350.7	-	2.0	352.7
Support of Other Nations (10)	-	-	-	-
TOTALS	11,821.9	242.2	4,186.4	16,250.5



TABLE VII

## SUMMARY OF NUMBER OF DEPARTMENT OF DEFENSE INSTALLATIONS, ACTIVITIES AND PROPERTIES

<u>Mission Category</u> (IDPPC)	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Areas</u>	<u>Total</u>
STRATEGIC FORCES				
- Strategic (101)	125	1		126
- Intell. & Comm. (103)	1			1
- Guard & Reserve (105)	10			10
- Research & Develop. (106)	9	6		15
GENERAL PURPOSE FORCES				
- General Purpose (202)	132	5	210	347
- Airlift/Sealift (204)	22		6	28
- Guard Reserve (205)	155	3		158
AUXILIARY FORCES				
- Intell. & Comm. (303)	32	3	23	58
- Research & Develop. (306)	87	1	1	89
- Central Supply & Maint. (307)	3			3
MISSION SUPPORT FORCES				
- Strategic (401)	1			1
- General Purpose (402)	47	2	24	73
CENTRAL SUPPORT FORCES				
- Central Supply & Maint. (507)	161	5	28	194
- Training, Medical & Other Personnel (508)	149	1	17	167
- Administration (509)	2			2
TOTAL DOD	936	27	309	1,272

ARMY

## CHAPTER TWO

### ARMY BASE STRUCTURE

#### I. INTRODUCTION

The Army Base Structure Chapter to the Manpower Requirements Report for FY 1981 is submitted in compliance with Section 302, PL 94-361, as amended by Senate Armed Services Committee Report No. 95-129. This chapter is comprised of five basic sections. Section I, Introduction. Section II, Base Structure Overview, discusses historical data on the base structure and related manpower trends, outlines the factors which have influenced the Army's base structure from World War II to the current date, and details the criteria expected to apply to installations planning for the next 20 years. Section III relates the needs of the major activities within each Installation Defense Planning and Programing Category (IDPPC) to the current base structure. Major changes to the FY 1981 base structure are also described. Section IV gives a breakdown of projected Army Base Operations Costs (BOC) for FY 1981. Section V summarizes recent major actions taken to reduce BOC and outlines criteria which would apply to such actions in the future.

Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

It should be noted that many large installations have multiple missions and that primary missions shown in Section VI are not necessarily all-inclusive. For instance, Fort Belvoir, Virginia, in addition to being the site of the US Army Engineer Center and School, also has the Defense Systems Management College, US Army Mobility Equipment Research and Development Command, US Army Night Vision Laboratory, and US Army Topographic Laboratory as major tenants. Similarly, Fort Knox, Kentucky, supports the Armor School, an Army Training Center, and a major combat unit.

## II. BASE STRUCTURE OVERVIEW

Army missions involve the accomplishment of a wide variety of functions requiring both general and specialized accommodations. The facilities required to support the Army vary from administrative office space to laboratories, to production plants, to proving grounds, to supply and maintenance depots, to troop installations with tens of thousands of acres of firing ranges, impact areas, and training/maneuver areas.

The Army's base structure since the end of World War II has undergone constant change as the force structure has expanded and contracted and technological advances have created longer-ranged, more powerful weapons, with their concomitant changes in organization and tactics. The logistics base structure has also undergone change as improvements in storage, distribution, maintenance, and transportation systems have permitted reduction in the total number of depot activities, while greater reliance on the private sector for supplies and equipment has resulted in a reduction of the number of industrial type facilities.

At the end of FY 1968, the Army had a total of 1,499 real property holdings in the United States ranging from small radio transmitter sites and US Army Reserve Centers with less than 5 acres of land area to large multi-mission installations with several hundred thousand acres of land area. These holdings were required to be maintained for support of an active Army military strength of about 1.6 million (of which about 1.0 million were stationed in the United States) and a Reserve Component military strength of about 0.7 million. At the end of FY 1979 the downward trend in base structure had decreased to 1,235 real property holdings (excluding those holdings still on Army property books that have been reported as excess to military requirements). Military strength has decreased to about 0.8 million active Army personnel (of which about 0.5 million were stationed in the United States) and a Reserve Component military strength of about 0.6 million.

This downward trend in base structure has been characterized by a relatively constant reduction in Army installations over the years and a balanced decrease in training and headquarters, depot and industrial type installations.

Some installation requirements are relatively fixed because they support more stable missions such as service schools, research and development activities, materiel testing and specialized depot activities. Missions at these installations may be modified due to technological changes; however, the need for the installations and continuing modernization of their physical plants remains. On the other hand, the Army

has other missions which are subject to larger variations and which, at one time, may generate additional requirements, and, at another time, reduce requirements for active installations. Examples are training centers for initial entry training, aviation training facilities, production facilities, administrative space to support specialized activities, and troop unit installations.

The installation structure today is considerably smaller than that which existed prior to the Vietnam War. For the most part, the Vietnam build-up was supported by expansion of facilities at existing active installations, use of the same installation by more than one deploying unit, backfill of installations vacated by deploying units with other activities, and two shift operations.

The Army is basically tied to its existing installations to support its current and projected force structure levels. The land area acquired prior to, during, and after World War II, coupled with the substantial investment in permanent facilities over the past 30 years, has resulted in a considerable physical plant.

The base structure of the Army today is constantly being reviewed with the objective of optimizing it. Section V lists several installations under consideration for reduction or closure. At the same time, the possibility exists either of future redeployment of overseas forces back to the continental United States (CONUS) or of mobilizing forces. Accordingly, some flexibility must be maintained to accommodate these possibilities.

Under present conditions, there is an apparent shortage of training/maneuver area at several of our Army division installations to satisfy present-day training requirements. There are installations where firing of the main tank guns, artillery weapons, and aircraft flight corridors have caused communities to complain because of noise and air pollution. There are installations where the cantonment areas are bounded on two and three sides by developing communities and perimeters are exposed to residential and/or commercial/industrial encroachment. There will be population growth and shift over the next 20 years which could hamper installation major expansion programs. Based on these factors, realignment or expansion of the present training/maneuver area may be impaired or precluded in the future.

The following factors will govern Army installation planning for the next 20 years:

1. The concentration of US population is projected to shift toward the southern and western States. Army bases in

these areas generally offer the largest areas for training, are most suited for rapid expansion by temporary facilities, and up to now were in the less populated areas of CONUS. The presence and particularly the expansion of Army bases spawn corresponding increases in civilian communities immediately adjacent to the installations. Modern military weapons systems are characterized by longer range, greater lethality, increased support requirements, and higher mobility. These characteristics require larger areas for training/maneuver and firing ranges which, in turn, lead to the following general conclusions:

a. The establishment of a military installation is usually in a relatively open area; but the act of establishing attracts people, building, and business, and this, in time, results in encroachment and restricts expansion.

b. The smaller bases, constrained in growth, will become increasingly less usable for testing, training, and firing purposes, and hence probably relegated to administrative, logistical, headquarters-type activities and less demanding functions in terms of space requirements.

c. Current Army bases in the southern States, as compared with those in the northern States, will become relatively more valuable and more restricted in expansion with time.

d. In light of land scarcity and real estate values, future land requirements must be identified and the rights acquired as soon as possible.

2. Commercial pressures on military installations are varied. As values of land increase, commercial interests increase pressures for acquisition of installation property. On the other hand, as installations seek to reduce or close operations, various pressures argue for the status quo. Commercial interests seek advantages from the post in construction, grazing rights, concessions' operating rights, employment, and off-post business; at the same time, many oppose traditional military services and facilities which may compete with private business.

3. While a form of national consensus exists in favor of Defense economy and efficiency, a concrete Army proposal for a base reduction or closure in the interest of economy and efficiency is almost certain to meet considerable protest from local interests expressed through their elected representatives at all levels. This is primarily inspired by fears of adverse impact on the local economy, although other issues are also raised. A significant issue raised during these exchanges in recent years is the concept of a regional entitlement to at least some Defense presence. While proponents of this concept have some good points, Defense is not a regionally oriented activity and cannot be considered as such.

4. In addition to environmental related pressures, such as encroachment on wildlife sanctuaries and meeting the same water and air pollution standards as other activities, military installations by their activity have peculiar environmental-related pressures. By virtue of normal training, noise, air pollution, water pollution, and wildlife concerns are common to Army bases. Massive vehicles, gunfire, cross-country and round-the-clock maneuvers, and dangerous materials all contribute to these problems.

5. Our major installations are experiencing severe encroachment pressures because of the ever-increasing need for land by the surrounding communities. These pressures are not new but their frequency and momentum are on the rise. The demand for land for residential and industrial purposes is resulting in military installations, originally constructed in rural areas, now finding themselves completely surrounded by civilian activities, which are in some cases incompatible with ongoing military operations. When this happens, the installation, although desirable because of the income it provides, frequently becomes of secondary importance to the community. The income received from the installation also becomes less important as the land values increase to the point where more revenues are realized by civilian development than from the installations. Foreseen in the future is an increasing demand for land in the urban and suburban areas to support civilian needs, thus causing land values to appreciate. This demand will further increase encroachment problems for the military and increase the demand for private use of Federal land under military control.

Emphasis must be placed on continued improvement of planning toward the future organization, physical structure, modernization, and location of Army installations and activities. These considerations will undoubtedly entail significantly increased costs in both the planning and implementation phases of these actions. Because of various types of contamination at a number of Army installations, such as unexploded ammunition and the exceptionally high cost of cleanup, the Army is in large measure compelled to retain these installations for the foreseeable future. Also, there is a continuing requirement for maintenance and demilitarization facilities for the existing chemical retaliatory stockpile. The continuing decrease of undeveloped land demands sophisticated planning both for acquisition and release of Army property.

The preceding broad factors are, in the main, oriented toward retention and/or expansion of the existing Army base structure overall. In the event adjustments are required within the existing structure due to major force structure changes, mission changes, budget limitations, or other factors, the following specific criteria would, in varying degrees, be applied to future realignment actions.

1. MISSION REQUIREMENTS. The stated or postulated mission requirements of specific activities within the context of the entire force structure should be the principal factors which drive choices among stationing alternatives. They are the baseline against which all other factors must be weighed.

2. BUDGET/MANPOWER CONSTRAINTS. These inseparably related factors are the principal limitation to attaining and maintaining a particular base structure at all levels. They can influence decisions on retention of individual structures or retention of entire installations.

3. COST SAVINGS. A major objective of the Army is to accomplish the assigned mission at the least cost. Where otherwise comparable alternatives exist, the true "least cost," both in terms of dollars and manpower, must be selected. Typically, an installation closure will not produce total savings of its annual base operations costs, as continuing activities will have to be accommodated elsewhere, in-house, or by other means, such as by contract.

4. PERSONNEL TURBULENCE. The adverse impact of military and civilian personnel turbulence must be given consideration because of both the high costs and the adverse effect on morale and productivity.

5. CIVILIAN LABOR MARKET. Many Army missions involve utilization of a highly specialized and unique civilian work force. Many of these people establish deep roots in the local community and are reluctant to dislocate with the transfer of the functions they perform. The lack of an appropriate labor market thus becomes a factor in evaluating proposed realignment actions.

6. FACILITIES/HOUSING AVAILABILITY. Maximum utilization of existing facilities with minimum expenditures for new facilities is a major goal in all realignment actions. This includes both mission-related facilities and support facilities on post, and housing both on post and off post. Large capital investments for replacement facilities militate against relocation of activities which require highly specialized, high-cost facilities, or, in the case of major combat units, large land areas.

7. CAPITAL INVESTED. This factor is the converse of the preceding factor. Having made a large capital investment in facilities at a particular installation, the Army tends to be tied to that installation for the duration of the useful life of the facilities.

8. GEOGRAPHICAL LOCATION. The geographic location influences the ability of assigned forces to execute their mission. Weather, terrain, proximity to air and surface



transportation, etc., all contribute to retention of installations which enhance operational effectiveness. Likewise, selection of new installations for stationing must take all of these geographically related factors into account.

9. LAND AREA. The need for adequate and suitable land area to support major combat units and their supporting forces is a major consideration. Bases must be capable of supporting the readiness and deployment of the assigned forces as envisioned in the United States strategy. This requirement often determines which bases will be retained in the active inventory. Where mission compatibility can be achieved, the consolidation of activities at large, multi-mission bases takes precedence over utilization of small, single-mission bases.

10. IMPACT ON OTHER SERVICES/AGENCIES. The Army provides support to many units and activities of the Department of Defense, the other Services, and other Federal agencies. Inherent in any base realignment action is consideration of the impact on those agencies. The personnel turbulence and costs associated with relocating or supporting these type activities are an integral part of any analysis conducted.

11. COMMUNITY IMPACT. Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. Of particular importance is family housing. Areas which have residual capability to adequately house families negate the cost of providing government housing and facilitate rapid completion of the proposed action. Adequate support should exist on or off a gaining installation to avoid a realignment action being counter-productive in terms of morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is important. Conversely, realignment actions, which reduce the Army presence in an area, seriously impact on communities, particularly those in which the major source of economic base is the military installation. When possible, realignment actions are designed to minimize the impact on local communities. Where appropriate, assistance will be provided to local community leaders in their negotiations with the Office of Economic Adjustment, Department of Defense, whose function is to assist communities in reestablishment of an economic base where reduction in Defense expenditures has been severe.

12. ENVIRONMENTAL IMPACT. All actions must be assessed to determine their probable impact on the environment. Base realignment options must have an initial analysis during the preliminary planning. If significant environmental impact is indicated at either a gaining or losing base, then an environmental impact statement must be prepared in accordance with the National Environmental Policy Act of 1969.

13. RESERVE COMPONENTS SUPPORT. The increased emphasis on utilization of Reserve Component forces to meet future contingency requirements must be considered. Reserve units are generally constituted in areas where there are population resources. Their readiness depends upon availability of adequate local ranges and local training areas. This requires that the range facilities and training areas not only be of the proper size and configuration, but also that they be within reasonable commuting distance. Readiness is adversely affected by increased commuting time and corresponding decreased training time availability. Concomitantly, personnel job satisfaction is lowered and personnel recruiting and retention rates are decreased. Many of our bases, both active and inactive, are used extensively for support of these units, both for weekend training and annual training. The impact on these type units is an integral part of any analysis conducted.

14. MOBILIZATION AND CONTINGENCY REQUIREMENTS. The type and number of bases required are determined by the need to be capable of supporting the strategy directed by national policy, the operational and training requirements of the Army, and the retention of sufficient flexibility to support unprogrammed increases in troop strengths. Coupled with this is the uncertainty as to when a base might be needed again. The costs of inactivating and reactivating a base can offset savings derived from its closure.

15. ENCROACHMENT. Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations, which were originally remote, have attracted major population growth and, as a result, continued operations have been threatened through urban expansion. Civilian aviation activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determining the future viability of an installation. It is also possible that major weapons changes may effectively "reduce" installation sizes. For example, ranges now adequate for artillery firing may become too small for artillery weapons which may be introduced in the future. However, where encroachment has become a problem, its impact is considered during development of base realignment actions.

16. LONG-RANGE PLANS. Since the future forces cannot be predicted with certainty and are subject to unprogrammed changes, flexibility to accommodate these changes within the base structure should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogrammed force changes might occur and determining how the various options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a subjective consideration. Realignment alternatives will be weighed in terms of their potential to meet unprogrammed force changes.

8 The overseas base structure is driven by Army forward deployments. For this reason, the above discussion is limited to the base structure in the United States.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

In common with the Marines, but differing from the Air Force, the Army's major combat mission elements use their portion of the base structure only for training, quartering of personnel, and maintenance of equipment in preparation for the combat mission. They do not normally fight the war from fixed installations as would units of the Strategic Air Command.

Overseas deployed units should be located in close proximity to the area of their anticipated wartime mission. The precise locations, however, are determined by what the host government can and will make available.

The stationing of divisions and other major tactical units is given priority consideration based on such critical factors as the presence of adequate maneuver space and ranges, the availability of housing and support, and restricting environmental impacts. Since stationing choices were of necessity made from existing installations originally acquired to meet less demanding conditions, these stations involve in all cases some compromise of ideal conditions. As noted in Section II, divisions are presently "outgrowing" their installation confines. For those divisions having prepositioned unit equipment in overseas theaters, precise location in CONUS vis-a-vis the primary wartime mission is no longer a major consideration. Strategic airlift can move personnel and their individual equipment east or west with minimal significant time differential. For units scheduled to move by surface transport with full equipment later in a particular deployment scenario, location within the CONUS is still a consideration.

The CONUS logistics base structure, to include installations with research and development as primary missions, is also largely evolutionary. It is what remains of World War II mobilization, created at widely dispersed locations with considerable redundancy, in anticipation of enemy attack against the homeland. Much rationalized and modernized, it is serviceable and capable of performing its mission of supporting deployed forces.

#### STRATEGIC FORCES (100)

##### Base Requirements.

The basing of strategic forces is confined primarily to communications type activities which are normally satellited on installations for logistical support.

##### Major Force Structure Changes and Their Impact on Base Structure:

No major changes in force structure are forecast during FY 1981.

## GENERAL PURPOSE FORCES (200)

### Base Requirements:

The Army must train the way it will fight. The battalion task force, the lowest level at which all elements of the combined arms team come together, must regularly practice offensive and defensive tactics deployed on frontages and depths comparable to those expected in wartime. When battalions have demonstrated critical task proficiency, brigade exercises should be conducted so as to bring into play the full range of fire support, operations, and logistical contingencies. Division Commanders should deploy critical elements of their commands in order to exercise an appropriate range of combined arms operations in a joint setting.

Each division/brigade installation should have access to an area capable of supporting at least battalion-level Army Training and Evaluation Programs (ARTEP), and live fire for at least company-sized elements. Since some installations do not have access to such training areas, the Army is considering expanding certain bases with critical training area shortfalls. Equally important, the area should permit opposing force exercises in which ground forces would be pitted against an "enemy."

Units without prepositioned equipment overseas should be located at installations in proximity of the port of embarkation (sea and air) from which they are most likely to deploy in order that they can respond quickly to early deployment requirements. Units should also be stationed in proximity to the coasts and borders of the Nation to be in a position to counter threats to CONUS, yet they must have sufficient land to train and fire their weapons. They should not be stationed near heavily populated areas, industrial complexes, or other strategic targets. The surrounding area should offer sufficient space for dispersal to ensure that the unit itself does not present a lucrative military target and is afforded a reasonable degree of survivability, and training areas should provide the force with a wide array of climatological and topographical features in which to train and which represent a cross-section of the world's environments.

Active installations should be located so as to readily accommodate Reserve Component (RC) units in the event of mobilization without necessitating excessive movement and delay from home station to mobilization station. Implicit also in the mobilization stationing requirement is the necessity for providing RC units with annual training and inactive duty training sites.

In the Continental United States, the major active combat units are: 10 divisions (includes three divisions with two active brigades and one ARNG roundout brigade), two separate brigades, an air cavalry combat brigade, and an armored cavalry regiment. The units are structured for a variety of environments and missions. The goal is to maintain a force which is available for rapid commitment.

In Europe, four divisions, four brigades, and two armored cavalry regiments retain the high level of readiness necessary to permit an immediate response to any aggression against the NATO alliance.

In the Pacific, the divisions in Hawaii and in the Republic of Korea are ready to perform their assigned combat mission.

The Army has deployed one brigade in the Panama area and one in Alaska to provide a ready response to any contingency which might arise in those areas.

All eight Army National Guard divisions, 18 combat brigades (three of which round out the three active divisions), one training brigade, and four armored cavalry regiments are located in the Continental United States. Additionally, one combat brigade is located in Hawaii (roundout for the Hawaiian active division) and one combat brigade is located in Puerto Rico. The Army Reserve has three combat brigades in the United States. Both the Army National Guard and the Army Reserve major combat units provide the Total Army a substantial combat force. The following depicts stationing of Active and Reserve Component divisions:

<u>Active Divisions</u>	<u>Location</u>
1st Infantry (Mechanized) <u>1/</u>	Fort Riley, Kansas
2d Infantry	Camp Casey, Korea
3rd Infantry (Mechanized)	Wurzburg, Germany
4th Infantry (Mechanized)	Fort Carson, Colorado
5th Infantry (Mechanized) <u>2/</u>	Fort Polk, Louisiana
7th Infantry <u>2/</u>	Fort Ord, California
9th Infantry	Fort Lewis, Washington
24th Infantry (Mechanized) <u>2/</u>	Fort Stewart, Georgia
25th Infantry <u>2/</u>	Schofield Barracks, Hawaii
1st Cavalry <u>1/</u>	Fort Hood, Texas
1st Armored	Ansbach, Germany
2d Armored <u>1/</u>	Fort Hood, Texas
3rd Armored	Frankfurt, Germany
82d Airborne	Fort Bragg, North Carolina
101st Airborne (Air Assault)	Fort Campbell, Kentucky

Army National Guard DivisionsLocation 3/

26th Infantry	Massachusetts/Connecticut
28th Infantry	Pennsylvania
38th Infantry	Indiana/Michigan
40th Infantry (Mechanized)	California
42d Infantry	New York
47th Infantry	Minnesota/Iowa/Illinois
49th Armored	Texas
50th Armored	New Jersey/Vermont

Nondivisional combat general purpose forces are distributed throughout the base structure with emphasis on providing balanced forces at the major combat unit installations.

The Army must also maintain semi-active installations, which are required primarily for the support of training of Reserve Components and for mobilization. In addition, there are State-owned/leased installations which are required for support of weekend and annual training and mobilization. Active component installations also perform these functions but are not adequate to satisfy the total requirement. The Army cannot fulfill full mobilization requirements in the time frame envisioned under current strategy unless these installations are maintained. Access to additional acreage for maneuver purposes will be essential to the extensive training required to make the mobilized force fully combat ready.

Terminal and outport facilities function under the Military Traffic Management Command (MTMC), which has area command headquarters at Bayonne, New Jersey and Oakland, California. The area command headquarters each command a military ocean terminal for general cargo at their respective locations and military outports at various commercial ports. The Dod transportation mission is accomplished almost exclusively by utilizing commercial resources. The military ocean terminals, which are shared with industry during peacetime, will be returned to military use when needed. Hazards involved in moving ammunition require that separate government-owned terminals be maintained.

**Major Force Structure Changes and Their Impact on Base Structure:**

Plans to convert to heavier division structure and to activate additional mechanized and armor maneuver elements, when approved, will require expansion of facilities at installations in the US but are not expected to increase the base structure overall.

- 1/ One brigade deployed forward.
- 2/ Roundout division.
- 3/ First State listed is division headquarters.

An ongoing realignment study could impact on Fort Indian-town Gap, Pennsylvania.

Implementation of the provisions of the Panama Canal Treaty will result in dislocation of some Army activities from their present locations to other sites within Panama. This will require renovation of existing facilities and/or new construction but will not significantly impact on the base structure overall during FY 1981.

The National Training Center (NTC), a new Army initiative, will provide the Army a training area where a total combat environment can be simulated. Such an environment comprising realistic maneuver areas comparable with modern battlefield requirements, warfare techniques, and future weaponry developments will increase the Army's combat readiness during peacetime periods.

The Army has selected Fort Irwin, California, as the site for the NTC. Comprising 642,805 acres in the Mojave Desert, Fort Irwin has sufficient and challenging terrain for exercising heavy battalions and has extensive, unused facilities which will minimize establishment costs. Its isolation from civilian communities will permit full power electronic warfare play and realistic close air support.

Fort Irwin is currently used for annual and weekend training of California National Guard and Army Reserve units. Additionally, Active Component battalions conduct periodic exercises at Fort Irwin. There will be no degradation of this Reserve Component training as a result of establishing the NTC at Fort Irwin.

Fort Irwin will be reactivated as a FORSCOM installation on 1 July 1981.

#### AUXILIARY FORCES (300)

##### Basing Requirements:

Research, development, testing, and evaluation of Army materiel, weapons, and support systems are accomplished primarily by the US Army Materiel Development and Readiness Command (DARCOM). To accomplish its mission, DARCOM requires extensive complexes of test facilities for ammunition and missiles; and laboratories and other research facilities, as well as facilities for other materiel and administration of test programs.

The US Army Communications Command (USACC) provides Army-wide non-tactical communications and air traffic control support. To provide base communications support, USACC requires tenant facilities at most installations. Additionally,



installations are used by USACC to accomplish support of the Defense Communications System and Army Command and Control requirements.

Major Force Structure Changes and Their Impact on Base Structure:

Ongoing realignment studies could impact on Arlington Hall Station, Virginia; and Vint Hill Farms Station, Virginia.

MISSION SUPPORT FORCES (400)

Basing Requirements:

To provide adequate command, control, and management of Army resources, it is essential that necessary administrative space be available. These installations serve as homes for major command headquarters, for units engaged in supervising Reserve Component training and readiness, and for unique specialized functions. They require a highly sophisticated work force not normally found at remote locations, and rapid modes of close-in transportation. While not contributing directly to the "tooth" side of the Army, they are an integral part of the "tail" and significantly contribute to the attainment of a combat-ready Army.

Major Force Structure Changes and Their Impact on Base Structures: None

CENTRAL SUPPORT FORCES (500)

Basing Requirements:

Since 1813, arsenals have been the continuing centers for the preservation of unique skills required for the defense of the United States. Their role has evolved from one of manufacturing, storage, and maintenance of weapons to one of serving as the nuclei from which private industry obtained "know-how" to mass produce a multitude of products used in war. More recently, their manufacturing activities have been limited to production of very small quantities of items where a producer in private industry could not be found. Their primary mission is to support the research and development program by providing the capability to build prototype research and development items and to provide a production base in the event of mobilization. A second major area of production type bases is the Government-Owned Contractor-Operated (GOCO) plants used in the production of munitions. A number of these are presently in standby status with others active. The fact that these

plants are contractor-operated provides the Army the flexibility to more readily expand or contract our capability consistent with requirements. Continued modernization of these plants is essential to assure a viable capability attuned to prospective needs.

Depot storage and maintenance requirements consist of:

1. General depots having responsibility for the storage, maintenance, and distribution of major items. These may also have the additional requirement for safe storage, maintenance, distribution and, in some cases, demilitarization of explosives, special weapons, and toxic and chemical materiel.

2. Distribution depots having responsibility for supporting assigned geographic areas, both CONUS and overseas, for storage and distribution of secondary items. In some instances, they have maintenance activities and may continue to have this mission in the future.

3. Depot activities which store major items and act as an extension of the storage capability of the depots. In some cases, they too have the additional requirement discussed under general depots.

Long-range planning for depot maintenance facilities is a dynamic effort, affected by several variables. These include realignment within the DoD to establish "single Service managers" (e.g., assign to a given Service a new item entering the inventory), the use of contractor-owned/operated facilities in lieu of organic (in-house) Army-owned/operated facilities to perform depot maintenance of equipment, and the expanded efforts to "maximize" inter-servicing of material. At the same time, studies are being conducted to determine the minimum CONUS base required to sustain the mission essential workload authorized for organic depot level accomplishment.

Service schools have the primary mission of replenishing forces with trained personnel in peacetime and maintaining a wartime expansion capability to support mobilization. Driven by improvements in communicative technology and by the need to conduct training relevant to new organizations, tactics and weapons systems, these schools will aim at establishing centers of excellence for the training and doctrine of all branches.

The initial entry training centers will develop and administer programs of instruction driven by the same factors discussed above on Service schools.

Medical bases exist primarily for the support of active Army forces; consequently, geographical distribution is directly related to the overall Army structure. Hospitals provide medical support while medical centers are located to also provide

consultative and referral services within specific regions to both Army and other Services' hospitals. Medical support has become highly area oriented during the past years and coordination among Federal health care providers to preclude duplication of effort and to provide cross utilization of resources has greatly increased. The Army supports this concept and feels that development of requirements cannot be accomplished in isolation of the other Services.

#### Major Force Structure Changes and Their Impact on Base Structure:

Ongoing realignment studies which could impact on Fort Sheridan, Illinois; Fort Monroe, Virginia; Letterman Army Medical Center (located on the Presidio of San Francisco); and New Cumberland Army Depot, Pennsylvania; and possibly on Training and Doctrine Command Combined Arms Test Activity (TCATA) at Fort Hood, Texas, and Combat Developments Experimentation Command at Fort Ord, California, as the result of a study examining the merging of the functions of these two agencies.

#### INDIVIDUALS (600)

The Army has no major installations falling into this IDPPC.

#### IV. BASE OPERATIONS COSTS (BOC) FOR FY 1981

A summary of the FY 1981 Estimated Base Operations Costs as defined in the introduction follows:

TABLE VIII

## MAJOR DEFENSE PROGRAMS

## ARMY BASE OPERATIONS COSTS (\$ MILLIONS)

Major Defense Programs	Fifty States	US Territories and Possessions 1/	Foreign Overseas Areas	Total
Strategic (01) 2/	-	-	-	-
General Purpose (02)	1,175.9		1,960.1	3,136.0
Intell. & Comm. (03) 3/	170.6		49.5	220.1
Airlift Sealift (04) 2/	-		-	-
Guard & Reserve (05)	192.7			192.7
Research & Develop. (06) 2/	-	-	-	-
Central Supply & Maint. (07) 3/	421.9		52.3	474.2
Trng, Med & Other Pers (08) 3/	1,390.6		95.7	1,486.3
Admin. & Assoc. (09) 3/	-	-	-	-
Support of Other Nations (10) 2/	-	-	-	-
TOTAL ARMY 4/	3,351.7	-	2,157.6	5,509.3

TABLE VIII (Cont'd)

MAJOR DEFENSE PROGRAMS

ARMY BASE OPERATIONS COSTS (\$ MILLIONS)

1/ Army does not have separate program elements for base operations of installations in territories or possessions. These costs are included in the base operations program element of the major command that operates the installation.

2/ Army does not budget for base operations in Programs 1, 4, 6, or 10.

3/ Army budgets for all base communication costs in Program 3, all commissary store costs in Program 7, and all medical costs in Program 8.

4/ Total consist of Operation & Maintenance, Military Pay and Family Housing appropriations allocated to base support.

## V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Army continues an active program to promote management efficiencies and consolidate or eliminate functions in order to reduce base operations costs. A number of these will impact the FY 1981 budget:

1. Efforts will continue to evaluate in-house commercial-type function to contract, where cost effective and not specifically prohibited by statute or regulation. The Army will also evaluate the use of contractors to perform certain base operations functions where economically feasible.

2. The Army has also installed automated systems, such as the Standard Army Intermediate Level Supply System (SAILS), which have resulted in reduced manpower requirements in the supply operations area.

3. The centralized management of commissary stores has also enabled the Army to reduce the number of personnel utilized in that area. In order to effectively utilize existing personnel in commissary stores, the Army has converted full-time personnel to part-time personnel where such action was feasible and did not degrade the level of service to customers.

4. Similarly, consolidation of real property maintenance activities with other military Services is designed to reduce overall base support costs.

5. The Army's continued scrutiny of its installations and activities is expected to reduce nonessential overhead and support personnel and associated costs. Following examples are cited:

- a. In order to reduce the number of high-cost, single-mission installations, the Army is studying potential realignments at Arlington Hall Station, Vint Hill Farms Station, and Fort Monroe, Virginia; and Fort Sheridan, Illinois.

- b. As part of a continuing program to streamline depot operations, the Army is studying the feasibility of realigning some functions now performed at New Cumberland Army Depot, Pennsylvania, with another depot.

- c. A number of other actions are being studied to reduce overhead support costs, to consolidate schools within the Army, and to consolidate Army schools with other Military Service schools. Included is the concept of conversion to contract to reduce the base support costs related to the Army training mission.

## SECTION VI

### ARMY BASE STRUCTURE

NOTE: It should be noted that the Army installations in the Federal Republic of Germany (FRG) have been reorganized by the Army as "U.S. Army Bases" along community lines. Population and land area data for these "U.S. Army Bases" rather than for the actual installations listed has been included. This reorganization introduces some distortion in that all Army installations in the FRG have had to be categorized as Installation Defense Planning and Programming Category 202 - General Purpose Forces. Further, it is not possible to rank the individual installations to produce meaningful comparisons.



TABLE IX

## SUMMARY OF NUMBER OF ARMY INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
INTELLIGENCE AND COMMUNICATIONS (103)	1			1
GENERAL PURPOSE (202)	31		165	196
AIRLIFT/SEALIFT FORCES (204)	4		2	6
GUARD AND RESERVE (205)	34	2		36
INTELLIGENCE AND COMMUNICATIONS (303)	6		4	10
RESEARCH AND DEVELOPMENT (306)	26	1		27
GENERAL PURPOSE (402)	10		10	20
CENTRAL SUPPLY AND MAINTENANCE (507)	62		20	82
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	45		11	56
TOTAL ARMY	219	3	212	434

UNCLASSIFIED

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
INTELLIGENCE AND COMMUNICATIONS (103)								
MARYLAND RITCHIE, FORT	WAYNESBORO, PA	1091	874	1965	2013	1	1358	1 COMMUNICATIONS

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 ARMY BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Area-Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
ALASKA									
RICHARDSON, FORT	ANCHORAGE	4631	1213	5844	6151	11	68219	16	172ND INFANTRY BRIGADE
GREELY, FORT	FAIRBANKS	2459	206	2665	2705	15	661543	2	R&D TEST CENTER
FAIRBANKS PERMAFROST STA, AK	FAIRBANKS	x	x	x	x	x	744	24	TEST SITE
GERSTLE RIVER ARCTIC TEST SITE, AK	FAIRBANKS	x	x	x	x	x	19127	18	TEST SITE
WAINWRIGHT, FORT	FAIRBANKS	2668	563	3231	3355	14	656250	3	172ND INFANTRY BRIGADE
BLACK RAPIDS TNG SITE, AK	FAIRBANKS	x	x	x	x	x	2782	22	TRAINING
YUKON COMMAND TNG SITE, AK	FAIRBANKS	x	x	x	x	x	895057	1	TRAINING
EKLUTNA MOUNTAIN GLACIER SITE, AK	ANCHORAGE	x	x	x	x	x	1916	23	TRAINING
EKLUTNA DISPERSAL SITE, AK	ANCHORAGE	x	x	x	x	x	500	26	DISPERSAL SITE
GULKANA ARMY SITE, AK	ANCHORAGE	x	x	x	x	x	44	32	TRAINING
CLEARWATER LAKE TNG SITE, AK	FAIRBANKS	x	x	x	x	x	240	29	TRAINING
CALIFORNIA									
ORD, FORT	SEASIDE	14791	2115	16906	18361	7	28016	17	7TH INFANTRY DIVISION (-)
HUNTER LIGGETT, FORT, CA	JOLON	775	100	875	1068	17	164637	10	DIV TNG-CDEC EXPERIMENTATION
MONTEREY, PRESIDIO OF, CA	MONTEREY	2601	881	3482	5631	12	392	27	DEFENSE LANGUAGE SCHOOL
COLORADO									
CARSON, FORT	COLORADO SPRGS	19773	2040	21813	23447	4	137391	11	4TH INFANTRY DIVISION (MECH)
GEORGIA									
STEWART, FORT	HINESVILLE	11347	1655	13002	17113	8	278270	5	24TH INFANTRY DIV (MECH) (-)
HUNTER ARMY AIRFIELD, GA	SAVANNAH	3814	494	4308	4462	13	5370	20	24TH INFANTRY DIVISION TNG
HAWAII									
SCHOFFIELD BARRACKS MIL RES	HONOLULU	14632	1208	15840	16621	9	166681	9	25TH INFANTRY DIVISION (-)
HONOLULU MILITARY RES, HI	HONOLULU	x	x	x	x	x	70	31	TRAINING
POHAKULOA TRAINING AREA, HI	HILO	73	7	80	396	19	108862	13	DIVISION TRAINING
DILLINGHAM MILITARY RES, HI	WAIHANA	x	x	x	1	20	657	25	TRAINING
KAENA POINT MILITARY RES, HI	WAIANAE	x	x	x	x	x	87	30	TRAINING
KAHUKU TNG AREA, HI	WAIHANA	29	x	29	916	18	9604	19	TRAINING
MAKUA MILITARY RESERVATION, HI	WAIANAE	x	x	x	0	21	4922	21	TRAINING

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## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 ARMY BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
KANSAS RILEY, FORT	JUNCTION CITY	17015	2107	19122	20809	6	100979	15	1ST INFANTRY DIV (MECH) (-)
KENTUCKY CAMPBELL, FORT	CLARKSVILLE, TN	19230	3148	22378	23310	5	105397	14	101ST AIRBORNE DIVISION
LOUISIANA POLK, FORT	LEESVILLE	11510	1694	13204	15552	10	198214	8	5TH INFANTRY DIV (MECH) (-)
NORTH CAROLINA BRAGG, FORT	FAYETTEVILLE	37805	3629	41434	46017	1	137339	12	82ND AIRBORNE DIVISION
TEXAS HOOD, FORT	KILLEEN	38795	3356	42151	45835	2	217158	7	1ST CAVALRY DIV & 2D ARMORED DIV
VIRGINIA MYER, FORT	ARLINGTON	1492	907	2399	2502	16	256	28	ADMIN & LOGISTICAL SUPPORT
WASHINGTON LEWIS, FORT YAKIMA FIRING CENTER, WA	TACOMA YAKIMA	20911	3272	24183	27291	3	354993 263131	4	9TH INFANTRY DIVISION 6 DIVISION TRAINING
AIRLIFT/SEALIFT FORCES (204)									
CALIFORNIA OAKLAND ARMY BASE	OAKLAND	728	2252	2980	2980	1	559	3	HARBOR & PORT
HAWAII KAPALAMA MILITARY RESERVATION	HONOLULU	17	203	220	224	4	36	4	STORAGE

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 ARMY BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
NEW JERSEY MIL OCEAN TERMINAL-BAYONNE	BAYONNE	281	1735	2016	2506	2	679	2	HARBOR & PORT
NORTH CAROLINA MIL OCEAN TERMINAL-SUNNY POINT	WILMINGTON	15	270	285	306	3	16324	1	HARBOR & PORT
GUARD AND RESERVE (205)									
ARKANSAS CHAFFEE, FORT	FORT SMITH	14	162	176	3300	7	71973	4	RC & ACTIVE ARMY TNG (1)
CALIFORNIA IRWIN, FORT IRWIN ANNEX, FORT, CA PARKS, CAMP AFRC, LOS ALAMITOS ROBERTS, CAMP ROBERTS, CAMP ANNEX, CA MACARTHUR, FORT	BARSTOW BARSTOW LIVERMORE LOS ALAMITOS SAN MIGUEL PASO ROBLES SAN PEDRO	* * 25 * * * 87	44 * 226 99 40 * 156	44 * 251 1461 40 * 243	* * 1012 1461 2651 * 1074	2 * 14 12 8 * 13	642805 47593 2268 1038 42361 22 104	1 6 19 23 8 32 25	RC & ACTIVE ARMY TNG (1) TRAINING RESERVE COMPONENT TRAINING (1) RESERVE COMPONENT TRAINING RC & ACTIVE ARMY TNG (1) COMMUNICATIONS RESERVE COMPONENT TRAINING
FLORIDA BLANDING, CAMP	STARKE	*	15	15	2627	9	4352	17	RESERVE COMPONENT TRAINING (1)
GEORGIA CATOOSA RIFLE RANGE	CHATTANOOGA, TN	*	*	*	*	*	1628	20	ARMY NATIONAL GUARD ACTIVITIES
HAWAII DERUSSY, FORT RUGER, FORT	HONOLULU HONOLULU	100 5	82 65	182 70	183 103	16 18	73 34	28 31	ARMY RESERVE HQ ARMY NATIONAL GUARD HQ
INDIANA ATTERBURY RESERVE TNG AREA	EDINBURG	*	*	*	*	*	33485	9	RESERVE COMPONENT TRAINING

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1981

State	Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Per's	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
IOWA	DES MOINES, FORT	DES MOINES	17	47	64	478	15	90	27	RESERVE COMPONENT TRAINING (1)
MASSACHUSETTS	EDWARDS, CAMP	BOURNE	*	26	26	2086	10	10689	15	RESERVE COMPONENT TRAINING (1)
MICHIGAN	CUSTER RC TNG AREA	BATTLE CREEK	*	*	*	*	*	7563	16	RC TNG
MISSISSIPPI	MCCAIN, CAMP SHELBY, CAMP	GRENADA HATTIESBURG	*	*	*	*	*	3054 17366	18 13	ARMY NATIONAL GUARD ACTIVITIES RESERVE COMPONENT TRAINING (1)
MONTANA	HARRISON, WM HENRY, FORT MISSOULA, FORT	HELENA MISSOULA	*	*	*	*	*	1598 55	21 30	ARMY NATIONAL GUARD ACTIVITIES RESERVE COMPONENT TRAINING
NEBRASKA	MEAD FACILITY	MEAD	*	*	*	*	*	1197	22	ARMY NATIONAL GUARD ACTIVITIES
NEW JERSEY	PEDRICKTOWN SUPPORT FACILITY	PEDRICKTOWN	*	*	*	*	*	97	26	RESERVE COMPONENT TRAINING
NEW YORK	DRUM, FORT	WATERTOWN	320	507	827	8179	1	107265	2	RC & ACTIVE ARMY TNG (1)
OKLAHOMA	GRUBER, CAMP	MUSKOGEE	*	*	*	*	*	26075	10	ARMY NATIONAL GUARD ACTIVITIES
PENNSYLVANIA	INDIANTOWN GAP, FORT	ANNVILLE	268	1559	1827	7932	3	18052	12	RC & ACTIVE ARMY TNG (1)

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 ARMY BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
TEXAS SWIFT, CAMP	AUSTIN	x	x	x	x	x	11740	14 ARMY NATIONAL GUARD ACTIVITIES
UTAH WILLIAMS, CAMP	SALT LAKE CITY	x	x	x	x	x	20773	11 ARMY NATIONAL GUARD ACTIVITIES
VERMONT ETHAN ALLEN FACILITY	BURLINGTON	x	x	x	x	x	822	24 ARMY NATIONAL GUARD ACTIVITIES
VIRGINIA PICKETT, FORT A. P. HILL, FORT	BLACKSTONE BOWLING GREEN	61 69	392 206	453 275	3793 2031	6 11	45198 77139	7 RC & ACTIVE ARMY TNG (1) 3 RC & ACTIVE ARMY TNG (1)
WASHINGTON LAWTON, FORT VANCOUVER BARRACKS	SEATTLE VANCOUVER	x x	3 x	3 x	112 x	17 x	3 62	33 RESERVE COMPONENT TRAINING (1) 29 RESERVE COMPONENT TRAINING
WISCONSIN MCCOY, FORT	SPARTA	709	1031	1740	6409	4	59779	5 RC & ACTIVE ARMY TNG (1)

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GUARD AND RESERVE (205)									
SANTIAGO, CAMP BUCHANAN, FORT	SALINAS SAN JUAN	328	636	73	90	2	11431	1	1 ARMY NATIONAL GUARD TNG (1) 2 RESERVE COMPONENT TRAINING

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
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## GENERAL PURPOSE (202)

## GERMANY, FEDERAL REP OF

US Army Base, 7th Army Tng Cnd									
POND BARRACKS	AMBERG	6956	197	7153	7153	*	116333	*	7TH ARMY TRAINING COMMAND
SCHEMM KASERNE	BAYREUTH	*	*	*	*	*	42	124	2ND ARMORED CAVALRY REGIMENT
CHRISTENSEN BARRACKS	BINDLACH	*	*	*	*	*	7	195	2ND ARMORED CAVALRY REGIMENT
EAST CAMP GRAFENWOHR	GRAFENWOHR	*	*	*	*	*	410	36	2ND ARMORED CAVALRY REGIMENT
HOHENFELS TRAINING AREA	HOHENFELS	*	*	*	*	*	1898	9	3RD BGE 1ST ARMORED DIVISION
PIONEER KASERNE	REGENSBURG	*	*	*	*	*	40012	1	7TH ARMY TRAINING COMMAND
SOUTH CAMP VILSECK	VILSECK	*	*	*	*	*	13	188	32ND AIR DEFENSE COMMAND
CAMP WILDFLECKEN	WILDFLECKEN	*	*	*	*	*	1039	13	7TH ARMY TRAINING COMMAND
							17562	3	3RD INFANTRY DIVISION (MECH)
US Army Base, Ansbach									
BARTON BARRACKS	ANSBACH	7404	228	7632	7632	*	4490	*	1ST ARMORED DIVISION
BLEIDORN KASERNE	ANSBACH	*	*	*	*	*	35	138	1ST ARMORED DIVISION
HINDENBURG KASERNE	ANSBACH	*	*	*	*	*	16	184	VII CORPS ARTILLERY
MCKEE BARRACKS	CRAILSHEIM	*	*	*	*	*	30	146	1ST ARMORED DIVISION
STORCK BARRACKS	ILLERSHEIM	*	*	*	*	*	192	57	1ST ARMORED DIVISION
KATTERBACH KASERNE	KATTERBACH	*	*	*	*	*	440	32	1ST ARMORED DIVISION
							395	39	1ST ARMORED DIVISION
US Army Base, Aschaffenburg									
FIORI BARRACKS	ASCH-AFFENBURG	4083	117	4200	4200	*	3727	*	3RD INFANTRY DIVISION (MECH)
GRAVES BARRACKS	ASCH-AFFENBURG	*	*	*	*	*	37	135	3RD INFANTRY DIVISION (MECH)
JAEGER BARRACKS	ASCH-AFFENBURG	*	*	*	*	*	47	115	3RD INFANTRY DIVISION (MECH)
READY BARRACKS	ASCH-AFFENBURG	*	*	*	*	*	17	182	18TH ENGINEER BRIGADE
SMITH BARRACKS	ASCH-AFFENBURG	*	*	*	*	*	28	153	3RD INFANTRY DIVISION (MECH)
							15	186	3RD INFANTRY DIVISION (MECH)
US Army Base, Augsburg									
GABLINGEN KASERNE	AUGSBURG	6543	335	6878	6878	*	14865	*	VII CORPS ARTILLERY
FLAK KASERNE	AUGSBURG	*	*	*	*	*	322	44	USAINSCOM FIELD STATION
REESE BARRACKS	AUGSBURG	*	*	*	*	*	72	97	US ARMY MEDICAL CND
SHERIDAN KASERNE	AUGSBURG	*	*	*	*	*	104	82	VII CORPS ARTILLERY
							172	63	3RD INFANTRY DIVISION (MECH)

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
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Military Installations Used By  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
US Army Base, Bad Kreuznach	*	5105	100	5205	5205	*	1324	*	8TH INFANTRY DIVISION (MECH)
MINICK KASERNE	BAD KREUZNACH	*	*	*	*	*	9	192	8TH INFANTRY DIVISION (MECH)
BAD KREUZNACH HOSPITAL	BAD KREUZNACH	*	*	*	*	*	20	175	HEALTH CARE
ROSE BARRACKS	BAD KREUZNACH	*	*	*	*	*	45	116	8TH INFANTRY DIVISION (MECH)
ANDERSON BARRACKS	DEXHEIM	*	*	*	*	*	116	77	8TH INFANTRY DIVISION (MECH)
DICHTELBACH MISSILE STATION	DICHTELBACH	*	*	*	*	*	62	102	32ND AIR DEFENSE COMMAND
WUESCHEIM MISSILE STATION	HASSELBACH	*	*	*	*	*	39	130	32ND AIR DEFENSE COMMAND
US Army Base, Bad Tolz	*	373	56	429	429	*	3964	*	US ARMY SPECIAL FORCES
FLINT KASERNE	BAD TOLZ	*	*	*	*	*	137	69	US ARMY SPECIAL FORCES
US Army Base, Bamberg	*	5983	116	6099	6099	*	3548	*	1ST ARMORED DIVISION
BAMBERG STORAGE AND RANGE AREA	BAMBERG	*	*	*	*	*	431	34	1ST ARMORED DIVISION
WARNER BARRACKS	BAMBERG	*	*	*	*	*	215	52	1ST ARMORED DIVISION
HARRIS BARRACKS	COBERG	*	*	*	*	*	8	193	2ND ARMORED CAVALRY REGIMENT
US Army Base, Baumholder	*	7823	294	8117	8117	*	2500	*	8TH INFANTRY DIVISION (MECH)
WETZEL KASERNE	BAUMHOLDER	*	*	*	*	*	207	54	3RD SUPPORT COMMAND
BAUMHOLDER HOSPITAL	BAUMHOLDER	*	*	*	*	*	13	188	HEALTH CARE
SMITH BARRACKS	BAUMHOLDER	*	*	*	*	*	889	15	8TH INFANTRY DIVISION (MECH)
HISEL MISSILE STATION	HISEL	*	*	*	*	*	40	128	32ND AIR DEFENSE COMMAND
NEUBRUECKE HOSPITAL	HOPSTADTEN	*	*	*	*	*	131	70	HEALTH CARE
STRASBURG KASERNE	IDAR OBERSTEIN	*	*	*	*	*	41	126	8TH INFANTRY DIVISION (MECH)
NAHBOLLENBACH ARMY DEPOT	IDAR OBERSTEIN	*	*	*	*	*	97	84	LOGISTICS DEPOT
US Army Base, Berlin	*	2201	77	2278	2278	*	3739	*	BERLIN BRIGADE
ANDREWS BARRACKS	BERLIN	*	*	*	*	*	109	79	BERLIN BRIGADE
STEGELITZ HOSPITAL	BERLIN	*	*	*	*	*	21	172	HEALTH CARE
MCNAIR BARRACKS	BERLIN	*	*	*	*	*	69	99	BERLIN BRIGADE
ROOSEVELT BARRACKS	BERLIN	*	*	*	*	*	15	186	BERLIN BRIGADE
TURNER BARRACKS	BERLIN	*	*	*	*	*	7	195	BERLIN BRIGADE
US Army Base, Dornstadt	*	4210	270	4480	4480	*	3917	*	32ND AIR DEFENSE COMMAND
BABENHAUSEN KASERNE	BABENHAUSEN	*	*	*	*	*	365	41	V CORPS ARTILLERY
CAMBRAI FRITSCH KASERNE	DARNSTADT	*	*	*	*	*	64	101	7TH SIGNAL BRIGADE

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
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Military Installations Used By  
the U. S. Forces in Foreign Areas  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
ERNST LUDWIG KASERNE	DARMSTADT	x	x	x	x	x	55	109	18TH ENGINEER BRIGADE
KELLEY BARRACKS	DARMSTADT	x	x	x	x	x	117	76	130TH ENGINEER BRIGADE
GRIESHEIM MISSILE STATION	DARMSTADT	x	x	x	x	x	28	153	32ND AIR DEFENSE COMMAND
MUENSTER AMMO DEPOT	MUENSTER	x	x	x	x	x	689	17	LOGISTICS DEPOT
OBER RAMSTADT MAINTENANCE PLT	OBER RAMSTADT	x	x	x	x	x	21	172	WHEELED VEHICLE REPAIR
US Army Base, Frankfurt	FRANKFURT	9451	1794	11245	11245	x	1011	x	HQ. V CORPS
CAMP ESCHBORN	FRANKFURT	x	x	x	x	x	151	68	130TH ENGINEER BRIGADE
DRAKE BARRACKS	FRANKFURT	x	x	x	x	x	35	138	3RD ARMORED DIVISION
EDWARDS BARRACKS	FRANKFURT	x	x	x	x	x	23	166	3RD ARMORED DIVISION
GIBBS BARRACKS	FRANKFURT	x	x	x	x	x	24	163	V CORPS MILITARY POLICE
FRANKFURT HOSPITAL	FRANKFURT	x	x	x	x	x	25	161	HEALTH CARE
FRANKFURT AREA HQ	FRANKFURT	x	x	x	x	x	84	91	V CORPS HQ
MCMURRAY BARRACKS	FRANKFURT-HOECH	x	x	x	x	x	6	196	V CORPS SIGNAL
MICHAEL BARRACKS	FRANKFURT-HOECH	x	x	x	x	x	28	153	V CORPS (3RD SUPPORT COMMAND)
CAMP KING	OBERURSEL	x	x	x	x	x	39	130	4TH TRANSPORTATION BRIGADE
US Army Base, Fulda	BAD HERSFELD	3642	137	3779	3779	x	4976	x	11TH ARMORED CAVALRY REGIMENT
MCPHEETERS BARRACKS	FULDA	x	x	x	x	x	46	116	11TH ARMORED CAVALRY REGIMENT
DOWNES BARRACKS	FULDA	x	x	x	x	x	117	76	11TH ARMORED CAVALRY REGIMENT
US Army Base, Garmisch	GARMISCH	160	33	193	193	x	845	x	US ARMED FORCES REC CTR
SHERIDAN BARRACKS	GARMISCH	x	x	x	x	x	26	158	US ARMED FORCES REC CTR
US Army Base, Giesse	BUTZBACH	10939	393	11332	11332	x	11907	x	42ND FIELD ARTILLERY
SCHLOSS KASERNE	FRIEDBURG	x	x	x	x	x	33	141	3RD ARMORED DIVISION
RAY BARRACKS	GIessen	x	x	x	x	x	167	61	3RD ARMORED DIVISION
PENDLETON BARRACKS	GIessen	x	x	x	x	x	36	136	3RD SUPPORT COMMAND
GIessen GENERAL DEPOT	GIessen	x	x	x	x	x	522	26	LOGISTICS DEPOT
RIVER BARRACKS	GIessen	x	x	x	x	x	45	118	V CORPS ARTILLERY
AYERS KASERNE	KIRCHGOENS	x	x	x	x	x	275	50	3RD ARMORED DIVISION
US Army Base, Goeppingen	Goeppingen	3316	85	3401	3401	x	1521	x	1ST INFANTRY DIVISION (FWD)
COOKE BARRACKS	SCHWABISCH-GMU	x	x	x	x	x	317	45	1ST INFANTRY DIVISION (FWD)
BISMARCK KASERNE	SCHWABISCH-GMU	x	x	x	x	x	17	182	56TH FIELD ARTILLERY BRIGADE
HARDT KASERNE	SCHWABISCH-GMU	x	x	x	x	x	29	148	56TH FIELD ARTILLERY BRIGADE

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
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Military Installations Used By  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
US Army Base, Hanau									
ARMSTRONG BARRACKS	BUEDINGEN	10442	331	10773	10773	x	2690	x	3RD ARMORED DIVISION
COLEMAN BARRACKS	GELNHAUSEN	x	x	x	x	x	39	130	3RD ARMORED DIVISION
GROSSAHEIM KASERNE	GROSSAHEIM	x	x	x	x	x	80	92	3RD ARMORED DIVISION
ARGONNER KASERNE	HANAU	x	x	x	x	x	213	53	3RD SUPPORT COMMAND
FRANCOIS KASERNE	HANAU	x	x	x	x	x	51	113	3RD ARMORED DIVISION
HESSEN-HOMBURG KASERNE	HANAU	x	x	x	x	x	22	170	3RD ARMORED DIVISION
HUTIER KASERNE	HANAU	x	x	x	x	x	17	182	3RD ARMORED DIVISION
PIONEER KASERNE	HANAU	x	x	x	x	x	43	122	3RD ARMORED DIVISION
YORHOF KASERNE	HANAU	x	x	x	x	x	94	86	130TH ENGINEER BRIGADE
FLIEGERHORST AIRFIELD	HANAU	x	x	x	x	x	3	198	USAREUR LABOR SERVICE
							612	22	V CORPS ARTILLERY & AVIATION
US Army Base, Heidelberg									
HEIDELBERG AIRFIELD	HEIDELBERG	4609	1144	5753	5753	x	1075	x	HEADQUARTERS, USAREUR
CAMPBELL BARRACKS	HEIDELBERG	x	x	x	x	x	45	118	HQ USAREUR (AVIATION)
HEIDELBERG HOSPITAL	HEIDELBERG	x	x	x	x	x	41	126	HEADQUARTERS, USAREUR
PATTON BARRACKS	HEIDELBERG	x	x	x	x	x	23	166	HEALTH CARE
TOMPKINS BARRACKS	SCHWETZINGEN	x	x	x	x	x	28	153	HQ USAREUR (SPECIAL TROOPS)
KILBOURNE KASERNE	SCHWETZINGEN	x	x	x	x	x	88	88	USAREUR MAP DEPOT
							11	190	US MILITARY PERSONNEL CENTER
US Army Base, Heilbronn									
DALLAU TACTICAL DEFENSE STA	DALLAU	4258	139	4397	4397	x	1888	x	237TH ENGINEER BATTALION
BADENHOF KASERNE	HEILBRONN	x	x	x	x	x	43	122	32ND AIR DEFENSE COMMAND
WARTON BARRACKS	HEILBRONN	x	x	x	x	x	25	161	56TH ARTILLERY BRIGADE
KLEINGARTACH MISSILE STATION	KLEINGARTACH	x	x	x	x	x	58	105	7TH SIGNAL BRIGADE
ARTILLERY KASERNE	NECKARSULM	x	x	x	x	x	31	144	32ND AIR DEFENSE COMMAND
STIEGELSBACH AMMO FACILITY	SIEGELSBACH	x	x	x	x	x	23	166	56TH ARTILLERY BRIGADE
							426	35	LOGISTICS DEPOT
US Army Base, Kaiserslautern									
PULASKI BARRACKS	EINSIEDLERHOF	7744	861	8605	8605	x	5421	x	HQ, 21ST SUPPORT COMMAND
KAISERSLAUTERN ARMY DEPOT	KAISERSLAUTERN	x	x	x	x	x	189	60	US ARMY LABOR SERVICE AGENCY
KLEBER KASERNE	KAISERSLAUTERN	x	x	x	x	x	645	18	LOGISTICS DEPOT
RHINE ORDNANCE BARRACKS	KAISERSLAUTERN	x	x	x	x	x	79	93	21ST SUPPORT COMMAND
PANZER KASERNE	KAISERSLAUTERN	x	x	x	x	x	3634	5	US ARMY COMBAT EQUIP GROUP
DAENNER KASERNE	KAISERSLAUTERN	x	x	x	x	x	18	179	HQ, 21ST SUPPORT COMMAND
LANDSTUHL HOSPITAL	LANDSTUHL	x	x	x	x	x	20	175	HQ, KAISERSLAUTERN ARMY DEPOT
							169	64	HEALTH CARE

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
US Army Base, Karlsruhe RHEINLAND KASERNE GERMERSHEIM ARMY DEPOT GERSZENSKI BARRACKS SMILEY BARRACKS NEUREUT KASERNE	ETTLINGEN GERMERSHEIM KARLSRUHE KARLSRUHE NEUREUT	5559 x x x x	315 x x x x	5874 x x x x	5874 x x x x	x x x x x	3147 33 448 220 41	x 141 31 51 126	18TH ENGINEER BRIGADE 18TH ENGINEER BRIGADE LOGISTICS DEPOT 18TH ENGINEER BRIGADE 18TH ENGINEER BRIGADE
US Army Base, Mainz FINTHEN AIRFIELD LEE BARRACKS DRAGONER KASERNE MAINZ ORDNANCE DEPOT MCCULLY BARRACKS	FINTHEN GONSENHEIM MAINZ WACKERNHEIM	2592 x x x x	144 x x x x	2736 x x x x	2736 x x x x	x x x x x	1033 435 74 5 56	x 33 95 197 108	6TH INFANTRY DIVISION (MECH) V CORPS AVIATION 8TH INFANTRY DIVISION (MECH) 8TH INFANTRY DIVISION TRACK VEHICLE REPAIR 8TH INFANTRY DIVISION (MECH)
US Army Base, Mannheim COLEMAN BARRACKS FURNER BARRACKS GENDARMERIE KASERNE HAMMONDS BARRACKS TURLEY BARRACKS SPINELLI BARRACKS SULLIVAN BARRACKS TAYLOR BARRACKS	MANHHEIM MANHHEIM MANHHEIM MANHHEIM MANHHEIM MANHHEIM MANHHEIM	9076 x x x x x x	413 x x x x x x	9489 x x x x x x	9489 x x x x x x	x x x x x x x	8196 580 26 20 23 33 200	x 23 158 175 166 141 55	8TH INFANTRY DIVISION (MECH) 7TH SIGNAL BRIGADE HQ US ARMY COMBAT EQUIP GROUP US ARMY LABOR SERVICE AGENCY HQ, CENTRAL ARMY GROUP (NATO) 3RD SUPPORT COMMAND 4TH TRANSPORTATION BRIGADE 8TH INFANTRY DIVISION (MECH) US ARMY MILITARY COMMUNITY
US Army Base, Munich BAD AIBLING KASERNE MCGRAW KASERNE	BAD AIBLING MUNICH	844 x x	231 x x	1075 x x	1075 x x	x x x	1861 322 37	x 44 135	66TH MILITARY INTELLIGENCE GP COMMUNICATIONS ARMY & AF EXCHANGE
US Army Base, Neu Ulm NELSEN BARRACKS WILEY BARRACKS INNERINGEN TACTICAL DEF STA	NEU ULM NEU ULM SIGMARINGEN	2716 x x x	106 x x x	2822 x x x	2822 x x x	x x x x	4803 38 179 48	x 133 62 114	1ST INFANTRY DIVISION (FWD) 59TH ORDNANCE BRIGADE 1ST INFANTRY DIVISION (FWD) 56TH ARTILLERY BRIGADE

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area Acres	Rank	Major Unit-Activity-Function
US Army Base, Norddeutschland									
BREMERHAVEN HOSPITAL	BREMERHAVEN	7055	237	7292	7292	x	4000	x	2ND ARMORED DIVISION (FWD)
CARL SCHURZ KASERNE	BREMERHAVEN	x	x	x	x	x	9	192	HEALTH CARE
LUCIUS CLAY KASERNE	GARLSTADT	x	x	x	x	x	481	30	US ARMY SUPPORT GROUP
							3500	6	2ND ARMORED DIVISION (FWD)
US Army Base, Nuernberg									
FERRIS BARRACKS	ERLANGEN	14418	585	15003	15003	x	10791	x	1ST ARMORED DIVISION
JOHNSON BARRACKS	FUERTH	x	x	x	x	x	316	46	1ST ARMORED DIVISION
MONTIETH BARRACKS	FUERTH	x	x	x	x	x	127	71	1ST ARMORED DIVISION
DARBY KASERNE	FUERTH	x	x	x	x	x	299	48	1ST ARMORED DIVISION
HERZOGENAUERACH	FUERTH	x	x	x	x	x	99	63	1ST ARMORED DIVISION
NUERNBERG HOSPITAL	HERZOGENAUERACH	x	x	x	x	x	296	49	VII CORPS ARTILLERY
MERRELL BARRACKS	NUERNBERG	x	x	x	x	x	28	153	HEALTH CARE
O'BRIEN BARRACKS	NUERNBERG	x	x	x	x	x	43	122	2ND ARMORED CAVALRY REGIMENT
PINDER BARRACKS	SCHWABACH	x	x	x	x	x	54	111	1ST ARMORED DIVISION
	ZIRNDORF	x	x	x	x	x	61	103	1ST ARMORED DIVISION
US Army Base, Pirmasens									
DAHN AMMO DEPOT	DAHN	3230	261	3491	3491	x	4673	x	59TH ORDNANCE BRIGADE
MUENCHWEILER HOSPITAL	MUENCHWEILER	x	x	x	x	x	978	14	LOGISTICS DEPOT
FISCHBACH ORDNANCE DEPOT	PIRMASENS	x	x	x	x	x	13	188	HEALTH CARE
HUSTERHOEHE KASERNE	PIRMASENS	x	x	x	x	x	1670	10	LOGISTICS DEPOT
PIRMASENS STORAGE AREA	PIRMASENS	x	x	x	x	x	741	16	59TH ORDNANCE GROUP
							57	107	LOGISTICS DEPOT
US Army Base, Schwaebisch Hall									
DOLAN BARRACKS	HESSENTAL	586	49	635	635	x	642	x	11TH AVIATION GROUP
							395	39	11TH AVIATION GROUP
US Army Base, Schweinfurt									
DALEY BARRACKS	BAD KISSINGEN	5928	154	6082	6082	x	8182	x	3RD INFANTRY DIVISION (MECH)
CONN BARRACKS	SCHWEINFURT	x	x	x	x	x	87	89	11TH ARMORED CAVALRY REGIMENT
LEDWARD BARRACKS	SCHWEINFURT	x	x	x	x	x	500	28	3RD INFANTRY DIVISION (MECH)
							126	72	3RD INFANTRY DIVISION (MECH)
US Army Base, Stuttgart									
BAD CANNSTATT HOSPITAL	BAD CANNSTATT	13121	1301	14422	14422	x	3901	x	HQ EUROM & HQ VII CORPS
BOEBLINGEN MAINTENANCE PLANT	BOEBLINGEN	x	x	x	x	x	29	148	HEALTH CARE
PANZER KASERNE	BOEBLINGEN	x	x	x	x	x	190	59	2ND SUPPORT COMMAND
							88	88	1ST INFANTRY DIVISION (FWD)

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BOETTINGEN TACTICAL DEF STA	BOETTINGEN	*	*	*	*	*	54	111	32ND AIR DEFENSE COMMAND
FUNKER KASERNE	ESSLINGEN	*	*	*	*	*	18	179	2ND SUPPORT COMMAND
LUDENDORF KASERNE	KORNWESTHEIM	*	*	*	*	*	29	148	18TH ENGINEER BRIGADE
WILKEN BARRACKS	KORNWESTHEIM	*	*	*	*	*	27	156	56TH FIELD ARTILLERY BRIGADE
COFFEY BARRACKS	LUDWIGSBURG	*	*	*	*	*	22	170	US ARMY MEDICAL COMMAND
FLAK KASERNE	LUDWIGSBURG	*	*	*	*	*	44	120	2ND SUPPORT COMMAND
KRABENLOCH KASERNE	LUDWIGSBURG	*	*	*	*	*	28	153	VII CORPS SIGNAL BATTALION
KELLEY BARRACKS	MOEHGRINGEN	*	*	*	*	*	72	97	VII CORPS HQ
NELLINGEN KASERNE	NELLINGEN	*	*	*	*	*	306	47	2ND SUPPORT COMMAND
ECHTERDINGEN AIRFIELD	STUTTGART	*	*	*	*	*	196	56	ASA, USAREUR & 7TH ARMY
ROBINSON BARRACKS	STUTTGART	*	*	*	*	*	19	177	VII CORPS HQ
WALLACE & MCGEE BARRACKS	STUTTGART	*	*	*	*	*	23	166	USAREUR ADJUTANT GENERAL
PATCH BARRACKS	VAIHINGEN	*	*	*	*	*	94	86	HQ, US EUROPEAN COMMAND
GRENADIER KASERNE	ZUFFENHAUSEN	*	*	*	*	*	21	172	VII CORPS HQ
US Army Base, Wiesbaden	WIESBADEN	5456	269	5725	5725	*	1319	*	4TH INFANTRY DIVISION
CAMP PIERI	WIESBADEN	*	*	*	*	*	38	133	V CORPS ARTILLERY
WIESBADEN AIR BASE	WIESBADEN	*	*	*	*	*	638	20	4TH INFANTRY DIVISION
US Army Base, Worms	KRIEGSFELD	680	206	886	886	*	1965	*	5TH SIGNAL COMMAND
KRIEGSFELD AMMO DEPOT	QUIRNHEIM	*	*	*	*	*	1181	12	LOGISTICS DEPOT
QUIRNHEIM MISSILE STATION	QUIRNHEIM	*	*	*	*	*	31	144	32ND AIR DEFENSE COMMAND
TAUKKUNEN BARRACKS	WORMS	*	*	*	*	*	30	146	5TH SIGNAL COMMAND
US Army Base, Wurzburg	HARDHEIM	11303	305	11608	11608	*	7510	*	3RD INFANTRY DIVISION (MECH)
HARDHEIM MISSILE STATION	KITZINGEN	*	*	*	*	*	25	161	32ND AIR DEFENSE COMMAND
LARSON BARRACKS	KITZINGEN	*	*	*	*	*	571	24	3RD INFANTRY DIVISION (MECH)
HARVEY BARRACKS	KITZINGEN	*	*	*	*	*	628	21	3RD INFANTRY DIVISION (MECH)
MAINBULLAU MISSILE STATION	MILTENBURG	*	*	*	*	*	33	141	32ND AIR DEFENSE COMMAND
PEDEN BARRACKS	WERTHEIM	*	*	*	*	*	519	27	VII CORPS ARTILLERY
EMERY BARRACKS	WURZBURG	*	*	*	*	*	52	112	32ND AIR DEFENSE COMMAND
HINDENBURG BARRACKS	WURZBURG	*	*	*	*	*	17	182	3RD INFANTRY DIVISION (MECH)
LEIGHTON BARRACKS	WURZBURG	*	*	*	*	*	342	42	3RD INFANTRY DIV (MECH) HQ
GIEBELSTADT TACTICAL DEF STA	WURZBURG	*	*	*	*	*	26	158	32ND AIR DEFENSE COMMAND
US Army Base, Zweibruecken	MIESAU	283	483	766	766	*	2858	*	60TH ORDNANCE GROUP (AMMO)
MIESAU AMMO DEPOT	ZWEIBRUECKEN	*	*	*	*	*	2574	8	LOGISTICS DEPOT
KREUZBERG KASERNE	ZWEIBRUECKEN	*	*	*	*	*	119	74	US ARMY MAT'L MGT CTR, EUROPE

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
CAMP DARBY	PISA	565	3	568	565	13	59	104 COMBAT SUPPORT
CAMP GREAVES	BAEKYON-NI	194	7	201	197	17	122	73 MILITARY POLICE UNIT
CAMP MARKET	BUPYONG	330	7	337	337	14	497	29 SIGNAL CO. COMBAT SUPPORT UNIT
CAMP PAGE	CHUN CHON	973	7	980	973	7	157	67 INFANTRY BATTALION
CAMP HOWZE	KUMCHON-NI	739	2	741	739	9	71	98 AIR DEFENSE BATTALION (-)
CAMP PELHAM	KUMCHON-NI	192	2	194	194	18	384	40 SECURITY
JOINT SECURITY AREA	PANMUNJON	269	29	298	298	16	107	81 ENGINEER BATTALION
CAMP MERCER	PUCHON	3546	34	3580	3580	3	1351	11 COMBAT SERVICE SUPPORT
CAMP HUMPHREYS	PYONG TAEK	510	146	656	656	10	68	100 HQ, 19TH SUPPORT BRIGADE
CAMP HENRY	TAEJU	631	13	644	644	11	191	58 DIVISION SUPPORT
CAMP WALKER	TAEJU	5608	15	5623	5623	2	4755	4 HEADQUARTERS & ADMINISTRATION
CAMP CASEY	TONGDUCHON	2297	15	2312	2297	4	3298	7 INFANTRY BRIGADE
CAMP HOVEY	TONGDUCHON-NI	591	16	607	591	12	57	107 FIELD ARTILLERY BATTALION
CAMP ESSAYONS	UIJONG-BU	1197	16	1213	1213	5	526	25 COMBAT SERVICE SUPPORT
CAMP RED CLOUD	UIJONG-BU	2283	42	2325	2283	5	398	37 FIELD ARTILLERY BATTALION
CAMP STANLEY	WAEGHAN	747	42	789	789	8	643	19 COMBAT SERVICE SUPPORT
CAMP CARROLL	WONJU	309	1	310	310	15	84	91 COMBAT SERVICE SUPPORT
CAMP LONG	WONJU	309	1	310	310	15	84	91 COMBAT SERVICE SUPPORT
DEFENSE COMPLEX, PANAMA		9687	4481	14168	14368	1	37235	2 SUPPORT OF ARMY IN PANAMA

AIRLIFT/SEALIFT FORCES (204)

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
NAHA PORT YOKOHAMA NORTH DOCK	NAHA, OKINAWA YOKOHAMA	34 25	251 362	285 387	285 387	2 1	227 124	1 2	PORT FACILITIES PORT FACILITIES

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
INTELLIGENCE AND COMMUNICATIONS (303)									
ARIZONA HUACHUCA, FORT WILCOX AREA, AZ GILA BEND AREA, AZ	SIERRA VISTA TUSCON GILA BEND	4980	3619	8599	9949	1	110893	1	1 COMM CMD&INTELLIGENCE SCH 2 T & E ACTIVITIES 3 T & E ACTIVITIES
HAWAII DEFENSE COMMUNICATIONS CENTER HELEMANO RADIO STATION	KUMA WAHIAWA	711	*	711	727	4	90	5	6 COMMUNICATIONS 5 COMMUNICATIONS
VIRGINIA ARLINGTON HALL STATION VINT HILL FARMS STATION	ARLINGTON WARRENTON	891 639	1523 602	2414 1241	2433 1263	2 3	81 707	7	7 HEADQUARTERS & ADMIN, DIA 4 COMM & INTELLIGENCE ACT
RESEARCH AND DEVELOPMENT (306)									
ALABAMA REDSTONE ARSENAL	HUNTSVILLE	3184	12543	15727	19448	1	36818	6	6 ROCKET&GUIDED MSL, R&D, SCH&CTR
ARIZONA YUMA PROVING GROUND	YUMA	539	803	1342	1450	10	872236	2	2 R & D TEST CENTER
INDIANA JEFFERSON PROVING GROUND	MADISON	4	391	395	420	13	55264	5	5 R&D AMMO TEST CENTER
MARYLAND ABERDEEN PROVING GROUND EDGEWOOD ARSENAL, MD DETROIT, FORT HARRY DIAMOND LABORATORIES HARRY DIAMOND LABS TEST AREA, MD WASHINGTON, D. C.	BALTIMORE BALTIMORE FREDERICK SILVER SPRING HARRY DIAMOND LABS TEST AREA, MD WASHINGTON, D. C.	5882 761 5	8035 1193 1212	13917 1954 1217	16662 2824 1217	2 8 11	79284 8067 1154 1758 2000	4	4 R&D TEST CTR, ORDNANCE SCH&CTR 8 RDT&E ACTIVITIES 16 R&D ACTIVITIES 14 R&D ACTIVITIES 13 TEST SITE

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 AUXILIARY FORCES  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
MASSACHUSETTS									
USA NATICK RESEARCH & DEV CMD	NATICK	184	1290	1474	1492	9	2574	12	R&D ACTIVITIES
NATICK DEVELOPMENT CTR ANNEX, MA	MARLBORO					*	2954	11	R&D ACTIVITIES
USA MAT & MECH RESEARCH CTR	WATERTOWN	17	593	610	610	12	48	22	R&D ACTIVITIES
MICHIGAN									
DETROIT ARSENAL	WARREN	176	4182	4358	4359	7	272	19	R&D, PRODUCTION-TANKS
DETROIT ARSENAL TANK PLANT, MI	WARREN					*	80	21	PRODUCTION-TANKS (C)
NEW HAMPSHIRE									
ARMY COLD REGIONS RESEARCH LAB	HANOVER	14	230	244	244	14	24	24	R&D-COLD WEATHER IMPACT
NEW JERSEY									
PICATINNY ARSENAL	DOVER	172	5721	5893	6042	5	6491	9	R&D HEADQUARTERS
MONMOUTH, FORT	RED BANK	2055	7810	9865	10138	3	1593	15	R&D HEADQUARTERS
EVANS AREA, NJ	ASBURY PARK					*	253	20	ROT&E ACTIVITIES
CHAS WOOD AREA, NJ	RED BANK					*	512	18	SUPPORT SITE
OAKHURST AREA, NJ	ASBURY PARK					*	6	25	ROT&E ACTIVITIES
COLES AREA, NJ	RED BANK					*	32	23	SUPPORT SITE (I)
NEW MEXICO									
WHITE SANDS MISSILE RANGE	LAS CRUCES	1330	4074	5404	7100	4	1755883	1	R&D WEAPONS TEST CENTER
UTAH									
GREEN RIVER TEST COMPLEX	PRICE					*	3628	10	T&E ACTIVITIES
DUGWAY PROVING GROUND	SALT LAKE CITY	266	687	953	5344	6	802731	3	R&D TEST CENTER
VERMONT									
ETHAN ALLEN FIRING RANGE	JERICHO					*	11157	7	T&E ACTIVITIES
VIRGINIA									
WOODBRIIDGE RESEARCH FACILITY	WOODBRIIDGE		66	66	66	15	579	17	RESEARCH & DEVELOPMENT

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
AUXILIARY FORCES

UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
RESEARCH AND DEVELOPMENT (306)									
KWAJALEIN MISSILE RANGE	KWAJALEIN						3568	1	NATIONAL TEST RANGE

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
JAPAN								
TORII STATION	KOZA, OKINAWA	734	34	768	768	1	467	1 COMMUNICATIONS
TURKEY								
DIAGENES STATION	SINOP	*	*	*	*	*	265	2 COMMUNICATIONS

INTELLIGENCE AND COMMUNICATIONS (303)

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (402)									
CALIFORNIA SAN FRANCISCO, PRESIDIO OF	SAN FRANCISCO	2863	2948	5811	6818	2	2284	3	HO&ADMIN/LETTERMN ARMY MED CTR
GEORGIA MCPHERSON, FORT GILLEM, FORT, GA	ATLANTA FOREST PARK	1436 414	1943 514	3379 928	3714 1196	3 5	505 1452	8 4	FORSCOM HQ READINESS REGION HQ
HAWAII ALIAMANU MILITARY RESERVATION KAMEHAMEHA, FORT SHAFTER, FORT WAIANA MIL RES	HONOLULU HONOLULU HONOLULU WAIANA	4 19 1536 13	13 14 1792 1	17 33 3328 14	17 35 3361 14	8 7 4 9	535 505 2836 198	6 7 2 9	HOUSING HOUSING HEADQUARTERS & ADMIN FAMILY HOUSING
ILLINOIS USA ST LOUIS AREA SUPPORT CTR	GRANITE CITY	13	214	227	227	6	943	5	COMMUNITY SUPPORT
MARYLAND MEADE GEORGE G, FORT	BALTIMORE	8596	3954	12550	13696	1	13761	1	HEADQUARTERS & ADMIN, NSA

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (402)									
BELGIUM									
CHIEVRES AIR BASE	MONS	1303	316	1619	1619	3	1050	1	NATO SHAPE SUPPORT GROUP
ITALY									
CAMP EDERLE	VICENZA	*	*	*	*	*	149	4	HEADQUARTERS, SETAF
JAPAN									
CAMP ZAMA	SAGAMIHARA	728	1808	2536	2693	2	584	3	HQ US FORCES, JAPAN/IX CORPS
KOREA, REPUBLIC OF									
YONGSAN	SEOUL	4966	516	5482	5547	1	743	2	HQ, EIGHTH U S ARMY

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
ALABAMA									
ANNISTON ARMY DEPOT	ANNISTON	46	4731	4777	4785	5	18080		15 LOGISTICS DEPOT
COOSA RIVER STORAGE ANNEX, AL	TALLEDEGA						2834		39 STORAGE
PHOSPHATE DEVELOPMENT WORKS	MUSCLE SHOALS						67		63 PRODUCTION-CHEMICAL (C) (I)
ARIZONA									
NAVAJO ARMY DEPOT ACTIVITY	FLAGSTAFF	1	117	118	258	48	28420		5 STORAGE
ARKANSAS									
PINE BLUFF ARSENAL	PINE BLUFF	76	936	1012	1092	31	14454		21 PRODUCTION
CALIFORNIA									
SIERRA ARMY DEPOT	RENO, NV	331	688	1019	1040	32	97061		2 LOGISTICS DEPOT
RIVERBANK ARMY AMMUNITION PLT	RIVERBANK	2	15	17	302	45	1515		41 PRODUCTION-PROJECTILES (C)
SACRAMENTO ARMY DEPOT	SACRAMENTO	67	2875	2942	3067	12	485		51 LOGISTICS DEPOT
SHARPE ARMY DEPOT	STOCKTON	52	1494	1546	1667	22	724		47 LOGISTICS DEPOT
DEFENSE DEPOT, TRACY	TRACY	17	1626	1643	1643	23	448		52 LOGISTICS DEPOT
COLORADO									
ROCKY MOUNTAIN ARSENAL	DENVER	27	367	394	394	43	17074		16 PRODUCTION-CHEMICAL
PUEBLO ARMY DEPOT ACTIVITY	PUEBLO	5	864	869	889	37	24201		6 LOGISTICS DEPOT
CONNECTICUT									
STRATFORD ARMY ENGINE PLANT	STRATFORD	5	131	136	4547	7	115		61 PRODUCTION-ENGINES (C)
FLORIDA									
LYNN HAVEN DEF FUEL SUPPORT PT	LYNN HAVEN						203		56 POL SUPPLY SITE
HAWAII									
KIPAPA AMMO STORAGE SITE	WAHIAWA	50		50	50	56	401		53 AMMUNITION STORAGE

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
ILLINOIS									
SAVANNA ARMY DEPOT ACTIVITY	CLINTON	6	559	565	579	40	13062	24	LOGISTICS DEPOT
JOLIET ARMY AMMUNITION PLANT	JOLIET	x	10	10	339	44	14385	22	PRODUCTION-MISC AMMO (C) (1)
JOLIET ARMY AMMO PLT KANKAKEE,	JOLIET	x	x	x	x	x	9158	29	AMMUNITION PLANT (C)(1)
IL									
ROCK ISLAND ARSENAL	ROCK ISLAND	262	7101	7363	7456	1	907	45	R&D, PRODUCTION-TANK COMPONENTS
INDIANA									
INDIANA ARMY AMMUNITION PLANT	CHARLESTON	5	286	291	1618	25	12206	25	PRODUCTION-PROPELLANTS (C)
NEWPORT ARMY AMMUNITION PLANT	NEWPORT	12	7	19	293	47	8322	31	PRODUCTION-CHEMICAL (C) (1)
IOWA									
IOWA ARMY AMMUNITION PLANT	BURLINGTON	2	53	55	1218	28	19146	13	PRODUCTION-PROJECTILES (C)
KANSAS									
SUNFLOWER ARMY AMMUNITION PLT	LAWRENCE	x	20	20	469	42	9544	28	PRODUCTION-PROPELLANTS (C) (1)
KANSAS ARMY AMMUNITION PLANT	PARSONS	1	33	34	889	37	13838	23	PRODUCTION-MISC AMMO (C)
KENTUCKY									
LEX BLUEGRASS ARMY DEPOT ACT	LEXINGTON	112	1561	1673	1722	21	15376	18	LOGISTICS DEPOT
BLUEGRASS ARMY DEPOT ACTIVITY,	RICHMOND	x	x	x	x	x	14596	20	AMMUNITION DEPOT
KY									
LOUISIANA									
LOUISIANA ARMY AMMUNITION PLT	SHREVEPORT	2	40	42	854	38	14974	19	PRODUCTION-PROJECTILES (C)
MAINE									
SEARSPORT DEF FUEL SUPPORT PT	SEARSPORT	x	4	4	4	61	1266	44	POL SUPPLY SITE
MARYLAND									
DMA HYDRO/TOPOGRAPHIC CTR	BROOKMONT	50	2806	2856	2859	13	57	64	PROD OF MAPS & CHARTS (DMA)

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
MICHIGAN MICHIGAN ARMY MISSILE PLANT PONTIAC STORAGE FACILITY	DETROIT PONTIAC	115 x	1743 7	1858 7	2593 7	15 60	304 31	54 67	PRODUCTION-LANCE MISSILES (C) STORAGE
MINNESOTA TWIN CITIES ARMY AMMO PLANT	NEW BRIGHTON	11	65	76	206	52	2389	40	PRODUCTION-MISC AMMO (C) (1)
MISSISSIPPI MISSISSIPPI ARMY AMMO PLANT	BAY ST LOUIS	2	10	12	97	54	x	x	
MISSOURI LAKE CITY ARMY AMMUNITION FAC ST LOUIS ARMY AMMUNITION PLANT GATEWAY ARMY AMMUNITION PLANT	INDEPENDENCE ST LOUIS ST LOUIS	2 x x	75 x 1	77 x 1	1843 15 14	20 57 58	3909 21 15	38 68 70	PRODUCTION-SMALL ARMS AMMO (C) PRODUCTION-PROJECTILES (C)(1) PRODUCTION-PROJECTILES (C) (1)
NEBRASKA CORNHUSKER ARMY AMMUNITION PLT	GRAND ISLAND	x	3	3	75	55	11963	26	PRODUCTION-PROJECTILES (C)(1)
NEVADA US ARMY AMMO PLT, HAWTHORNE LAKE MEAD BASE	HAWTHORNE LAS VEGAS	105 x	688 x	793 x	964 x	34	148543 7876	1 32	STORAGE-AMMO LOGISTICS DEPOT-AIR FORCE
NEW MEXICO FORT WINGATE ARMY DEPOT ACT	GALLUP	2	92	94	99	53	22120	8	STORAGE
NEW YORK SENECA ARMY DEPOT WATERVLIET ARSENAL	ROMULUS WATERVLIET	546 13	892 2554	1438 2567	1438 2567	26 17	10661 150	27 59	LOGISTICS DEPOT R&D, PROD-ARTILLERY COMPONENTS
NORTH CAROLINA TARHEEL ARMY MISSILE PLANT	BURLINGTON	x	x	x	x	x	44	66	PRODUCTION-MISSILE SYS (C)

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
<b>OHIO</b>									
DEF CONSTRUCTION SUPPLY CTR	COLUMBUS	33	3418	3451	3451	10	566	50	SUPPLY STORAGE&DIST (DLA)
LIMA ARMY MODIFICATION CENTER	LIMA	3	54	57	975	33	297	55	PRODUCTION-XMI TANKS
RAVENNA ARMY AMMUNITION PLANT	RAVENNA	29	35	64	251	49	21419	9	PRODUCTION-MISC AMMO (C) (I)
<b>OKLAHOMA</b>									
US ARMY AMMO PLT, MCALESTER	MCALESTER	37	911	948	1205	29	44964	3	STORAGE-AMMO
<b>OREGON</b>									
UMATILLA ARMY DEPOT ACTIVITY	HERMISTON	2	275	277	295	46	19729	10	LOGISTICS DEPOT
<b>PENNSYLVANIA</b>									
LETTERKENNY ARMY DEPOT	CHAMBERSBURG	124	5232	5356	5479	3	19511	11	LOGISTICS DEPOT
NEW CUMBERLAND ARMY DEPOT	HARRISBURG	195	4282	4477	4845	4	832	46	LOGISTICS DEPOT
DEFENSE PERSONNEL SUPPORT CTR	PHILADELPHIA	81	3134	3215	3215	11	86	62	PROC&SUP, CLOTHING FACTORY (DLA)
HAYS AMMUNITION PLANT	PITTSBURGH	*	1	1	11	59	8	71	PRODUCTION-MISC AMMO (C) (I)
SCRANTON ARMY AMMUNITION PLANT	SCRANTON	2	21	23	720	39	15	70	PRODUCTION-PROJECTILES (C)
TOBYHANNA ARMY DEPOT	SCRANTON	223	3657	3880	4129	8	1293	43	LOGISTICS DEPOT
<b>SOUTH CAROLINA</b>									
CHARLESTON DEF FUEL SUPPORT PT	N. CHARLESTON	*	*	*	*	*	56	65	POL SUPPLY SITE
<b>TENNESSEE</b>									
VOLUNTEER ARMY AMMUNITION PLT	CHATTANOOGA	*	6	6	212	50	7285	34	PRODUCTION-CHEMICALS (C) (I)
HOLSTON ARMY AMMUNITION PLANT	KINGSPORT	13	49	62	1116	30	6110	35	PRODUCTION-MISC AMMO (C)
DEFENSE DEPOT, MEMPHIS	MEMPHIS	14	2149	2163	2163	18	642	49	LOGISTICS DEPOT (DLA)
DEFENSE IND PLT EQUIPMENT FAC,	ATCHISON	*	*	*	*	*	125	60	STORAGE-IND. EQUIPMENT (DLA)
KS									
MILAN ARMY AMMUNITION PLANT	MILAN	2	84	86	1419	27	22544	7	PRODUCTION-CARTRIDGES (C)
<b>TEXAS</b>									
SAGINAW ARMY AIRCRAFT PLANT	FT WORTH	*	2	2	542	41	155	58	PRODUCTION-HELICO ASSEMBLIES (C)
LONGHORN ARMY AMMUNITION PLANT	MARSHALL	2	49	51	913	35	8493	30	PRODUCTION-MISC AMMO (C)
LONE STAR ARMY AMMUNITION PLT	TEXARKANA	6	161	167	1848	19	15546	17	PRODUCTION-MISC AMMO (C)
RED RIVER ARMY DEPOT	TEXARKANA	72	5401	5473	5924	2	19081	14	LOGISTICS DEPOT
CAMP STANLEY STORAGE ACTIVITY,	SAN ANTONIO	*	*	*	*	*	4000	37	STORAGE
TX									

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
<b>UTAH</b>									
DEFENSE DEPOT, OGDEN	OGDEN	12	1622	1634	1634	24	1326	42	LOGISTICS DEPOT (DLA)
TOOELE ARMY DEPOT	TOOELE	61	3687	3748	4054	9	44096	4	LOGISTICS DEPOT
TOOELE ARMY DEPOT SOUTH AREA, UT TOOELE	TOOELE	*	*	*	*	*	19364	12	STORAGE
<b>VIRGINIA</b>									
CAMERON STATION	ALEXANDRIA	872	3651	4523	4578	6	168	57	HQ DEFENSE LOGISTICS AGENCY
RADFORD ARMY AMMUNITION PLANT	RADFORD	8	208	216	2827	14	4101	36	PRODUCTION-PROPELLENTS (C)
DEF GENERAL SUPPLY CTR, RICH.	RICHMOND	35	2555	2590	2590	16	647	48	LOGISTICS DEPOT (DLA)
<b>WISCONSIN</b>									
BADGER ARMY AMMUNITION PLANT	BARABOO	*	20	20	207	51	7411	33	PRODUCTION-EXPLOSIVES (C) (1)
<b>TRAINING, MEDICAL AND OTHER PERSONNEL (508)</b>									
<b>ALABAMA</b>									
MCLELLAN, FORT	ANNISTON	3006	1351	4357	11260	12	45659	10	MIL POLICE SCHOOL & TNG CTR
RUCKER, FORT	DALEVILLE	4748	2704	7452	13304	9	62086	7	AVIATION CENTER & SCHOOL
SKELLY FIELD, AL	ELBA	*	*	*	*	*	194	33	HELICOPTER STAGE FIELD
HIGH BLUFF, AL	HARTFORD	*	*	*	*	*	96	42	HELICOPTER STAGE FIELD
TOTH FIELD, AL	DOTHAN	*	*	*	*	*	128	38	TRAINING
HIGH FALLS, AL	GENEVA	*	*	*	*	*	40	46	HELICOPTER STAGE FIELD
CAIRNS AAF, AL	DALEVILLE	*	*	*	*	*	1297	22	HELICOPTER STAGE FIELD
ALLEN FIELD, AL	DOTHAN	*	*	*	*	*	114	39	HELICOPTER STAGE FIELD
RUNKLE TACTICAL SITE, AL	ELBA	*	*	*	*	*	235	31	TRAINING
TACTICAL SITE X, AL	SAMSON	*	*	*	*	*	169	35	TRAINING
HUNT FIELD, AL	OZARK	*	*	*	*	*	154	36	HELICOPTER STAGE FIELD
GOLDBERG FIELD, AL	MIDLAND CITY	*	*	*	*	*	101	41	HELICOPTER STAGE FIELD
SHELL ARMY HELIPORT, AL	ENTERPRISE	*	*	*	*	*	292	30	HELICOPTER STAGE FIELD
LOUISVILLE STAGEFIELD, AL	BRUNDIGE	*	*	*	*	*	104	40	HELICOPTER STAGE FIELD
<b>COLORADO</b>									
FITZSIMONS ARMY MEDICAL CENTER	AURORA	1823	1734	3557	4262	19	577	25	HEALTH CARE

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
<b>DIST OF COLUMBIA</b>									
MCNAIR, FORT LESLIE J.	WASHINGTON	389	436	825	1168	28	89	44	NATIONAL DEFENSE UNIVERSITY
WALTER REED ARMY MEDICAL CTR	WASHINGTON	3958	3951	7909	8582	16	133	37	HEALTH CARE
REED, WALTER MED CTR, GLENHAVEN, MD	WASHINGTON, D.C.	x	x	x	x	x	20	48	HOUSING
REED, WALTER MED CTR ANNEX, MD	FOREST GLEN	138	475	613	633	29	183	34	HEALTH CARE
<b>GEORGIA</b>									
GORDON, FORT	AUGUSTA	8313	3616	11929	22191	5	56402	8	SIGNAL CENTER & SCHOOL
BENNING, FORT	COLUMBUS	14208	4238	18446	27478	2	181343	3	THE INFANTRY CENTER & SCHOOL
BENNING, FORT TRAINING AREA, GA	GAINESVILLE	x	x	x	x	x	87	45	TRAINING
<b>HAWAII</b>									
TRIPLER ARMY MEDICAL CENTER	HONOLULU	1323	893	2216	2223	23	367	29	HEALTH CARE
<b>ILLINOIS</b>									
SHERIDAN, FORT	HIGHWOOD	1258	1582	2850	3024	21	695	24	RECRUITING COMMAND HQ
<b>INDIANA</b>									
HARRISON, FT BENJAMIN	INDIANAPOLIS	1317	4152	5469	8029	17	2501	20	US ARMY INSTITUTE FOR ADMIN
<b>KANSAS</b>									
LEAVENWORTH, FORT	LEAVENWORTH	1867	1628	3495	5078	18	5634	17	CHD & GENERAL STAFF COLLEGE
<b>KENTUCKY</b>									
KNOX, FORT	LOUISVILLE	13789	4411	18200	29493	1	109738	5	US ARMY TRAINING CENTER
<b>MASSACHUSETTS</b>									
DEVENS, FORT	AYER	5458	1567	7025	9624	14	9598	14	INTELLIGENCE TRAINING
SOUTH BOSTON SUPPORT ACTIVITY, MA	BOSTON	86	1508	1594	2010	24	34	47	RESERVE COMPONENT TRAINING

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
MISSOURI WOOD, FORT LEONARD	JEFFERSON CITY	5758	2100	7858	17227	7	68924	6	US ARMY TRAINING CENTER
NEW JERSEY DIX, FORT	TRENTON	4441	2286	6727	13738	8	31181	11	US ARMY TRAINING CENTER
NEW YORK HAMILTON, FORT WADSWORTH, FORT, NY WEST POINT MILITARY RES STEWART ANNEX, NY	BROOKLYN NEW YORK NEWBURGH NEWBURGH	591 * 2099 *	538 * 2979 *	1129 * 5078 *	1664 * 9354 *	25 * 15 *	553 226 17005 506	26 32 13 27	ADMIN & LOGISTICAL SUPPORT CHAPLAIN SCHOOL USMA-OFF ACQUISITION TNG HOUSING
OHIO PERRY, CAMP	FREMONT	*	6	6	6	30	92	43	RESERVE COMPONENT TRAINING (1)
OKLAHOMA SILL, FORT	LAWTON	15523	3348	18871	26875	3	128583	4	US ARMY FLD ARTILLERY CTR&SCH
PENNSYLVANIA CARLISLE BARRACKS	CARLISLE	372	575	947	1199	27	403	28	US ARMY WAR COLLEGE
SOUTH CAROLINA JACKSON, FORT	COLUMBIA	5382	2203	7585	18238	6	52596	9	US ARMY TRAINING CENTER
TEXAS BLISS, FORT BLISS FORT, AAA RANGES, NM SAM HOUSTON, FORT BULLIS, CAMP, TX	EL PASO EL PASO SAN ANTONIO SAN ANTONIO	16357 * 1204 *	4318 * 1430 *	20675 * 2634 *	26239 * 4064 *	4 * 20 *	1125481 992074 3136 27880	1 2 19 12	AIR DEFENSE CENTER & SCHOOL RANGE MEDICAL TRAINING HQ ARMY NATIONAL GUARD ACTIVITIES
VIRGINIA BELVOIR, FORT MONROE, FORT EUSTIS, FORT STORY, FORT, VA	ALEXANDRIA HAMPTON NEWPORT NEWS VIRGINIA BEACH	4394 1187 6844 913	4887 1596 2765 156	9281 2783 9609 1069	10608 2841 12255 1199	13 22 11 26	9239 1069 8230 1451	15 23 16 21	US ARMY ENGINEER CENTER & SCH TRADOC HEADQUARTERS TRANSPORTATION CENTER & SCHOOL AMPHIB & RC TRAINING (1)

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Land Area-Acres	Major Unit-Activity-Function
LEE, FORT	PETERSBURG	4454	3544	7998	13095	10	5633	18 US ARMY QUARTERMASTER CTR&SCH

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DEPARTMENT OF DEFENSE  
ARMY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
JAPAN									
AKIZUKE AMMUNITION DEPOT	ETA JIMA	11	183	194	194	4	138	6	6 AMMUNITION STORAGE
KAWAKAMI AMMO DEPOT	HIGASHI-HIRO	12	146	158	158	6	648	3	3 AMMUNITION STORAGE
SAGAMI GENERAL DEPOT	SAGAMIHARA	65	644	709	709	1	538	4	4 LOGISTICS DEPOT
KOREA, REPUBLIC OF									
HIALEAH COMPOUND CAMP AMES	PUSAN	538	19	557	557	3	140	5	5 PORT-STORAGE
	TAEGON	175	14	189	189	5	871	2	2 LOGISTICS DEPOT
UNITED KINGDOM									
BURTONWOOD ARMY DEPOT	WARRINGTON	577	18	595	595	2	3302	1	1 DEPOT, TECHNICAL SITE



NAVY

## CHAPTER THREE

### NAVY BASE STRUCTURE

#### I. INTRODUCTION

The Navy Base Structure Annex to the Manpower Requirements Report for FY 1980 is submitted in compliance with Section 302, PL 94-361. The Annex consists of five sections in addition to the introduction. Section II, Base Structure Overview, discusses factors affecting the structure of the Navy Shore Establishment. Section III relates major Navy activities to the forces supported within the framework of the Installation Defense Planning and Programming (IDPP) categories. Section IV, Base Operations Costs, provides a summary table by major defense programs of those costs included in this category. Section V discusses the Navy's continuing appraisal of base operations costs. Section VI consists of the listing of the installations, activities, and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installations in descending order within each IDPP category for these data.

It should be noted that most activities listed have multiple missions and that primary missions are not all inclusive. The personnel assigned to ship and aircraft squadrons which are homeported or assigned at a given activity have been included in personnel data provided in Section VI.

## II. BASE STRUCTURE OVERVIEW

The national military strategy of the United States is a forward strategy, driven by geographical considerations. The United States is characterized by its insular position on the North American continent. It has only two international borders, neither of which is threatened by a hostile force, and communicates with the rest of the world to the east, west, and south by way of two major oceans. One of the States and all of the territories for which the U.S. is responsible lie overseas. Additionally, the interdependent free-world economy depends increasingly upon the use of ocean shipping and access to the resources of the seas and sea bottoms. This forward strategy of the United States utilizes the oceans as barriers for the defense of the country, as military lines of communication with overseas allies, and as avenues of world trade.

The mission of the U.S. Navy, as set forth in Title 10, U.S. Code, is to be prepared to conduct prompt and sustained combat operations at sea in support of the U.S. national interests; in effect, to assure continued maritime superiority for the United States. This means that the U.S. Navy must be able to defeat, in the aggregate, potential threats to continued free use of the high seas by the United States.

The Navy carries out its mission within the framework of a national strategy, in joint coordination with the other Services and in combined planning with U.S. allies. This mission requires not only deployable forces capable of sustained operations at sea, but also a shore establishment capable of providing essential logistics support, including training and maintenance. The Navy bases ashore (operating bases, supply centers, shipyards, aircraft rework facilities, weapons stations, etc.), which support the fleet, must be located to ensure flexibility and responsiveness.

Based on the composition of the fleet, criteria have been established for homeporting specific units. These criteria define the number of bases and support capabilities required on each coast. An operational consideration of great importance is that as many ships as possible be overhauled in proximity to their homeports. This consideration, coupled with the types of ships to be maintained, results in criteria for maintenance facilities. Criteria utilized for fleet aircraft basing are to retain the minimum number of base for programmed aircraft and to collocate carrier-based tactical and carrier-based ASW aircraft. Similarly, the size and composition of the fleet determine the types, numbers, and location of aircraft rework facilities, ordnance activities, weapons ranges, and support facilities. Selected fleet training is provided at fleet

operating bases while other specialized education and training complexes support recruit training, specialized skill training, officer acquisition training, undergraduate flight training, etc. Whenever possible, initial skill training is provided in close proximity to acquisition training.

Operating bases are the heart of the Navy's shore facilities, providing deep water harbors with pier space and anchorages, cargo staging and loading areas, ship and aircraft depot maintenance and other support facilities. These operating bases provide aviation, supply, maintenance, medical and training support direct to the fleet. These bases are key distribution centers for both material and maintenance support. While they differ in size, all have the essential quality of being integrated and providing synergistic support to operating forces, i.e., ships and aircraft.

Since 1968, the fleet has experienced significant reductions in both ships and aircraft. Consequently, the Shore Establishment has been realigned through a series of planned management actions to more appropriately support this reduced fleet. These actions have reduced the number of Active Ship Homeport complexes; aircraft basing complexes, Naval Shipyards; and Air Rework Facilities. Over the next few years as the mix and type of ships continue to change, fleet force levels are expected to increase over today's numbers. The changes in the number of ships, and to a lesser extent aircraft, coupled with the increase in physical size of the ships will again impact shore facilities which must reflect these changes. MILCON projects will be required to meet the additional demands imposed on the shore establishment by a changing fleet.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The function of the Navy's Shore Establishment is to provide effective, economical support to the fleet. Variations in the structure, composition or weaponry of the fleet affect the structure of the Shore Establishment as do technological advances or changes in training doctrine. Changes in deployment policy, political considerations in host countries, and resource availability are also included in the numerous factors affecting the Shore Establishment. In order to assess the impact of these variables, a continuing review of the structure and effectiveness of the Shore Establishment is required.

A brief discussion of the missions by Installation Defense Planning and Programming Category follows: A listing of the major activities within these categories is provided in Section VI.

#### STRATEGIC FORCES (100)

The Submarine Base, Bangor, Washington, is in a developmental status and is scheduled to be fully operational in August 1981. The Submarine Support Base, Kings Bay, Georgia, is in a developmental status and became partially operational in July 1979.

#### GENERAL PURPOSE FORCES (200)

The two primary functions of the Navy are sea control and power projection. The forces fulfilling these functions are submarines, carriers with their assigned aircraft, other surface combatants and maritime patrol air forces. The high degree of logistic support required by these forces is provided by these "General Purpose" installations. Homeporting facilities for ships and aircraft, maintenance, logistic support and specialized training are representative of the fleet support requirements met by these installations or their tenants activities.

The Reserve Air Stations support the Ready Reserve Air Squadrons.

#### AUXILIARY FORCES (300)

The Navy Command and Control System provides the means to effectively exercise the operational direction of the naval forces in peace and war. Its objectives are to ensure that the National Command Authorities, unified commanders, naval component commanders, and subordinate naval commanders are able to discharge their responsibilities by receiving sufficient, accurate and timely information on which to base their decisions and by having available the means to communicate these decisions to the forces involved. Effective control over its forces allows the Navy to operate on a coordinated basis in fulfilling its world-wide operational responsibilities.

Under the Chief of Naval Material, the Navy's RDT&E Community is organized on a center of excellence concept under which each activity is responsible for a given technological area. Technology will have an ever increasing impact on the development of a balanced force structure. The accelerating rate of technological improvements impacts on the nature of the future threat as well as the capabilities of naval forces.

#### MISSION SUPPORT FORCES (400)

The primary functions of the Navy are sea control and power projection. These functions are performed by surface combatants with associated aircraft, submarines, maritime patrol air forces and amphibious forces. Navy amphibious task forces and Marine amphibious forces are a major, specialized element in the execution of the power projection function. All these forces require a high degree of logistic support ranging from homeporting facilities for ships and aircraft to weapons, maintenance, and supply support. A broad range of fleet support requirements is provided by these installations. In addition, these activities provide logistic support to activities of the Naval Shore Establishment located in the same geographic complex.

#### CENTRAL SUPPORT FORCES (500)

The Navy Medical Department, through a network of regional medical centers and associated hospitals and dispensaries, provides medical care in support of the fleet and to other qualified beneficiaries.

The Naval Education and Training Command is responsible for providing trained personnel to man and support the fleet. Included in this mission are recruit training, officer acquisition training, specialized skill training, flight training, and professional development education. Additional data is available in the Military Manpower Training Report.

Logistics activities such as inventory control points and construction battalion centers provide specialized support to the fleet.

#### INDIVIDUAL (600)

None.

#### IV. BASE OPERATIONS COSTS FOR FY 1981

A summary of the estimated FY 1981 Base Operations Costs as defined in the introduction follows:



TABLE X

## MAJOR DEFENSE PROGRAMS

## NAVY BASE OPERATIONS COSTS (\$ MILLIONS)

	<u>Fifty States</u>	<u>U.S. Territories and Possessions</u>	<u>Foreign Over- seas Areas</u>	<u>Total</u>
Strategic (01)	\$ 184.5	\$ -	\$ -	\$ 184.5
General Purpose (02)	1,451.2	159.2	609.2	2,219.6
Intell. & Comm. (03)	54.8	13.7	45.6	114.1
Air/Sealift (04)	-	-	-	-
Guard & Reserve (05)	210.3	-	-	210.3
Research & Develop. (06)	359.8	-	2.6	362.4
Gen. Supply & Maint. (07)	680.3	7.1	15.1	702.5
Trng. Med. & Other Pers. (08)	835.3	14.2	60.6	910.1
Admin. & Assoc. (09)	154.3	-	-	154.3
Spt. of Other Nations (10)	-	-	-	-
Total	\$3,930.5	\$194.2	\$733.1	\$4,857.8

## V. ACTIONS TO REDUCE BASE OPERATIONS SUPPORT (BOS) COSTS

The architecture of the Navy places the responsibility for executing Base Operations under the mission of each individual shore activity. To assist in this responsibility, major claimants perform a strong management role, and the staff of the Navy Department provides guidance and long term objectives. Consistent with the new standard definition for Base Operations, the Navy has established a central program manager for Base Operating Support (BOS). A framework to manage this program is being established consistent with the management system of the existing maintenance of real property (MRP) program to be responsive to the needs of the operating forces, and the requirements of OSD, OMB and Congress.

The MRP program involves a management technique which relates the condition of the Naval Shore Establishment to fleet readiness. Shore activities conduct a continuous inspection program which forms the basis for an annual assessment by major claimants of the Backlog of Maintenance and Repair (BMAR) and the significance of the BMAR with regard to readiness. In order to evaluate significance, facilities are divided into 18 discrete investment categories (IC), each with a different relation to readiness. The annual process further includes MRP program objectives by IC which are approved personally by the CNO and which form the basis for the funding levels contained in the programming and budgeting process. Analysis of the MRP requirements includes a statement of the funding levels required to perform the "minimum cost of ownership" and funding necessary to reduce the BMAR. This method is open, comprehensive, readiness sensitive, minimum funding oriented, understood by all levels, and responsive to the guidance of OSD.

It is around this MRP framework that a management system for the remaining portions of Base Operations is being developed.

### LONG-RANGE GOALS OF BASE OPERATIONS MANAGEMENT

To provide an adequate level of support at shore activities, with the minimum commitment of resources, to permit operating forces to perform their missions at a high level of readiness.

### MAJOR OBJECTIVES

Within the context of the parameters defined by the new standard definition for base operations and considering the initial stages of the Navy's overall total management of this

area, the following major objectives have been identified.

- To determine and provide funding alternatives for Base Operations program deficiencies at the shore activity level that detract from the Navy's ability to support the operating forces.
- To determine and provide funding alternatives for Base Operations program deficiencies in personnel support areas that directly impact on the Navy's ability to retain quality personnel and that detract from the quality of life for all naval personnel.
- To recover from a long-term trend of depressed funding in the MRP which has resulted in marginal to poor facility conditions with potential for impact on readiness and adverse life cycle economics.
- To conform to the direction of Executive Order 12003 and reflect a reduction in energy consumption in the Naval Shore Establishment.
- To place emphasis on the study of in-house commercial industrial type activities with a view towards conversion to contract accomplishments where economically justified.

The Base Operations of the Navy are directly related to shape and size of the Naval Shore Establishment which is directly related to the shape and size of the operating forces. The method of accomplishing the objectives in Base Operations is directed toward identifying the minimum resources required to adequately support the operating forces. Considering this direct overhead relationship, the objective of establishing a "minimum cost of ownership", and the unilinear architecture of the Navy, there are no alternative methods for accomplishing management improvement.

SECTION VI  
NAVY BASE STRUCTURE

TABLE XI

## SUMMARY OF NUMBER OF NAVY INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
GENERAL PURPOSE (202)	35	4	7	46
GUARD AND RESERVE (205)	6			6
INTELLIGENCE AND COMMUNICATIONS (303)	21	3	16	40
RESEARCH AND DEVELOPMENT (306)	30		1	31
GENERAL PURPOSE (402)	29	2	9	40
CENTRAL SUPPLY AND MAINTENANCE (507)	59	5	7	71
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	69	1	6	76
TOTAL NAVY	249	15	46	310

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1981

GENERAL PURPOSE (202)	Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
ALASKA										
NAVAL STATION, ADAK	ADAK		1655	164	1819	1819	15	53448	6	PATROL AIRCRAFT
CALIFORNIA										
NAVAL AIR FACILITY, EL CENTRO	EL CENTRO		377	151	528	602	16	621711	1	FLEET AIR TRAINING SUPPORT
NAS, LEMORE	LEMORE		4550	748	5298	5874	10	39173	8	ATTACK AIRCRAFT
NAS, NORTH ISLAND	SAN DIEGO		22770	9150	31920	33167	1	46031	7	EARLY WARNING & ASW AIRCRAFT, NARF
NAVAL OLF IMPERIAL BEACH, CA	IMPERIAL BEACH		*	*	*	*	*	7158	18	OUTLYING FIELD
NAVAL OLF SAN CLEMENTE, CA	SAN CLEMENTE		*	*	*	*	*	36200	9	AUXILIARY FIELD
NAS, MIRAMAR	SAN DIEGO		10256	1001	11257	14548	3	22972	12	FIGHTER & ATTACK AIRCRAFT
NAS, ALAMEDA	SAN FRANCISCO		4882	6976	11858	13130	5	2697	24	SUPPORT AIRCRAFT, NARF
NAS, MOFFETT FIELD	SAN JOSE		5110	2414	7524	10305	8	3909	22	PATROL AIRCRAFT
NAVAL ALF CROWS LANDING, CA	PATTERSON		*	*	*	*	*	7416	16	AUXILIARY FIELD
FLORIDA										
NAS, JACKSONVILLE	JACKSONVILLE		8550	4331	12881	18246	2	4814	21	PATROL & ASW AIRCRAFT, NARF
LAKE GEORGE TARGET, FL	JACKSONVILLE		*	*	*	*	*	23	34	TARGET
STEVENS LAKE TARGET, FL	CAMP BLANDING		*	*	*	*	*	2554	26	TARGET
PUTNAM TARGET, FL	BOSTWICK		*	*	*	*	*	78	31	TARGET
RODMAN TARGET, FL	JACKSONVILLE		*	*	*	*	*	2693	25	TARGET
PINECASTLE RANGE, FL	ASTOR		*	*	*	*	*	5825	19	RANGE
NAS, CECIL FIELD	JACKSONVILLE		7709	662	8371	10759	7	20048	13	ATTACK & ASW AIRCRAFT
NAVAL OLF WHITEHOUSE, FL	JACKSONVILLE		*	*	*	*	*	2491	27	AUXILIARY TRAINING FIELD
NAS, KEY WEST	KEY WEST		1547	713	2260	2456	13	5247	20	RECONNAISSANCE AIRCRAFT
HAWAII										
NAS, BARBERS POINT	HONOLULU		3270	447	3717	4147	11	32779	10	PATROL AIRCRAFT
KAULA ROCK, HI	HONOLULU		*	*	*	*	*	108	29	TARGET
NAVAL ALF FORD ISLAND, HI	HONOLULU		*	*	*	*	*	229	28	AUXILIARY TRAINING FIELD
KAHOOLAWE ISLAND, HI	PUUNENE		*	*	*	*	*	28777	11	TARGET
MAINE										
NAS, BRUNSWICK	BRUNSWICK		3213	453	3656	3838	12	7259	17	PATROL AIRCRAFT

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## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 NAVY BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	AFTA Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
NEVADA NAS, FALLON TARGETS B-16, 17, 19, 21, NV	FALLON FALLON	1119	276	1395	2183	14	152304 87275	3 4	ATTACK AIRCRAFT TRAINING TARGETS
VIRGINIA NAS, NORFOLK NAS, OCEANA NAVAL ALF FENTRESS, VA PALMETTO POINT, NC TANGIER ISLAND, VA	NORFOLK VIRGINIA BEACH CHESAPEAKE COLUMBIA CRISFIELD, MD	7260 9026	5609 712	12869 9738	13742 11088	4 6	3200 8872 9765	23 15 14	EARLY WARNING&ASW AIRCRAFT, MARF FIGHTER & ATTACK AIRCRAFT AUXILIARY TRAINING FIELD RANGE RANGE RANGE
WASHINGTON NAS, WHIDBEY ISLAND BOARDMAN RANGE, OR NAVAL OLF COUPEVILLE, WA	OAK HARBOR BOARDMAN COUPEVILLE	6577	878	7455	10202	9	71042 174760	5 2 32	ATTACK&ELEC WARFARE AIRCRAFT RANGE AUXILIARY TRAINING FIELD
GUARD AND RESERVE (205)									
GEORGIA NAS, ATLANTA	MARIETTA	565	134	699	2110	6	163	6	RESERVE AIR TRAINING
ILLINOIS NAS, GLENVIEW	GLENVIEW	977	293	1270	4192	3	1285	3	RESERVE AIR TRAINING
LOUISIANA NAS, NEW ORLEANS	NEW ORLEANS	1010	437	1447	3498	5	4924	1	RESERVE AIR TRAINING
MASSACHUSETTS NAS, SOUTH WEYMOUTH	SOUTH WEYMOUTH	2667	226	2893	6955	2	2320	2	RESERVE AIR TRAINING
PENNSYLVANIA NAS, WILLOW GROVE	HORSHAM	875	950	1825	7434	1	853	4	RESERVE AIR TRAINING

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil	AFTA Civ	AFTA Tot	Total Pers	Rank	Land Area- Acres	Major Unit-Activity-Function
TEXAS NAS, DALLAS	DALLAS	1058	502	1560	4118	4	795	5 RESERVE AIR TRAINING



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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1991

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
NAS, AGANA	AGANA, GUAM	GUAM 1458	102	1560	1601	2	2502	3	PATROL ELEC WARFARE AIRCRAFT
NAVAL FACILITY, GUAM	AGANA, GUAM	100	*	100	100	3	322	4	OCEANOGRAPHIC RESEARCH
NAVAL STATION, ROOSEVELT ROADS	CEIBA	PUERTO RICO 3123	877	4000	4671	1	36801	1	OPERATING BASE
NAVAL FLEET TRAINING AREA, PR	VIEQUES ISLAND	*	*	*	*	*	24715	2	TRAINING

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
BERMUDA								
NAVAL AIR STATION, BERMUDA	ST GEORGE	1228	439	1667	1736	5	1437	4 PATROL AIRCRAFT
CUBA								
NAVAL STATION, GUANTANAMO BAY	GUANTANAMO BAY	2013	887	2900	3225	3	28817	1 OPERATING BASE
GREECE								
NAVAL AIR FACILITY, SOUDA BAY	CRETE	58	19	77	77	7	95	6 NAVAL AIR/FLEET SUPPORT
ICELAND								
NAVAL STATION, KEFLAVIK	KEFLAVIK	3068	999	4067	4102	2	23344	2 FLT SUPPORT/PATROL AIRCRAFT
ITALY								
NAVAL AIR FACILITY, SIGONELLA	SIGONELLA	2139	312	2451	2506	4	504	5 PATROL/FLEET AIRCRAFT
JAPAN								
NAVAL AIR FACILITY, ATSUGI	ATSUGI	738	594	1332	1353	6	4221	3 RECONNAISSANCE AIRCRAFT

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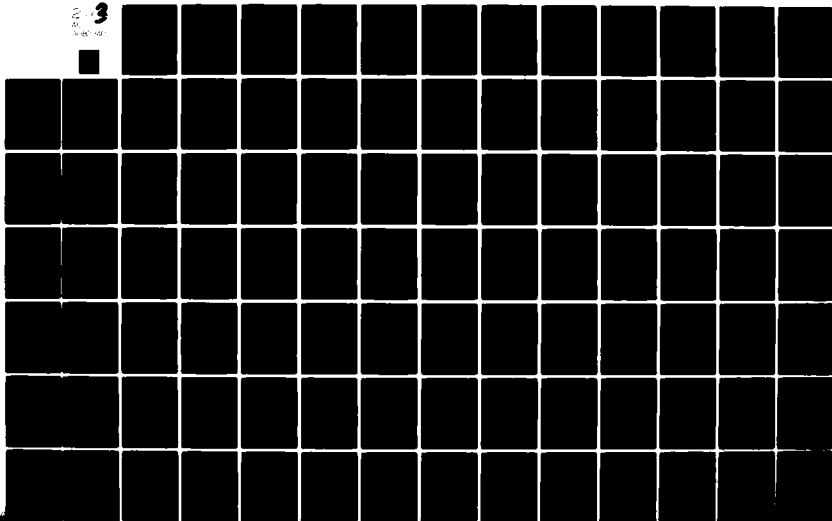
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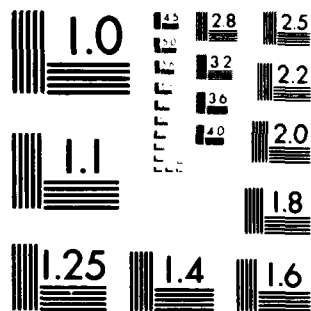
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MANPOWER REQUIREMENTS REPORT FOR FY 1981. BASE STRUCTURE ANNEX.(U)  
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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
PHILIPPINES									
NAVAL AIR STATION, CUBI POINT	CUBI POINT	2932	1181	4113	4857	1	*	*	ATTACK/ASW AIRCRAFT

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
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## INTELLIGENCE AND COMMUNICATIONS (303)

ALASKA NAVAL SECURITY GROUP, ADAK	ADAK	550	8	558	603	5	7553	1	COMMUNICATIONS
CALIFORNIA NAVAL FACILITY, PT SUR NAVAL FAC, CENTERVILLE BEACH NAVAL COMM STA, SAN DIEGO NAV SECURITY GP ACT, SKAGGS IS NAVAL COMM STA, STOCKTON	BIG SUR FERNDALE SAN DIEGO SONOMA STOCKTON	97 223 246 292 392	17 20 10 30 337	114 243 256 322 729	114 277 256 345 765	19 11 13 8 4	48 48 622 3309 2789	18 18 9 3 5	OCEANOGRAPHIC RESEARCH OCEANOGRAPHIC RESEARCH COMMUNICATIONS COMMUNICATIONS COMMUNICATIONS
DELAWARE NAVAL FACILITY, LEWES	LEWES	104	17	121	122	18	364	11	OCEANOGRAPHIC RESEARCH
DIST OF COLUMBIA NAVAL OBSERVATORY NAVAL PHOTOGRAPHIC CENTER NAVAL SECURITY STA, WASHINGTON	WASHINGTON WASHINGTON WASHINGTON	37 x 580	298 x 614	335 x 1194	338 x 1194	9 x 2	72 x 38	14 x 19	NAVAL OBSERVATORY PHOTOGRAPHIC SUPPORT COMMUNICATIONS
FLORIDA NAVAL SECURITY GROUP, HOMESTEAD	HOMESTEAD	395	45	440	440	6	815	8	COMMUNICATIONS
HAWAII NAV COMM AREA MASTER STA, EPAC	HONOLULU	1130	187	1317	1331	1	2430	6	COMMUNICATIONS
MAINE NAVAL COMM UNIT, CUTLER NAV SECURITY GP ACT, WINTER HA	EAST MACHIAS WINTER HARBOR	115 341	103 55	218 396	218 438	14 7	2999 583	4 10	COMMUNICATIONS COMMUNICATIONS
MARYLAND NAVAL COMM UNIT, WASHINGTON	CHELLENHAM	101	132	233	278	10	210	12	COMMUNICATIONS

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
MISSISSIPPI NAVAL OCEANOGRAPHIC OFFICE	BAY ST LOUIS	33	919	952	967	3			NAVAL OCEANOGRAPHIC ACTIVITIES
NORTH CAROLINA NAVAL FACILITY, CAPE HATTERAS	BUXTON	140	2	142	142	16	58	15	OCEANOGRAPHIC RESEARCH
OREGON NAVAL FACILITY, COOS HEAD	CHARLESTON	118	14	132	132	17	178	13	OCEANOGRAPHIC RESEARCH
VIRGINIA NAVCOMM AREA MASTER STA LANT	NORFOLK	190	56	246	265	12	1471	7	COMMUNICATIONS
WASHINGTON NAVAL RADIO STATION, JIM CREEK NAVAL FACILITY, PACIFIC BEACH	OSO PACIFIC BEACH	2 127	36 16	38 143	38 143	20 15	4862 53	2 16	COMMUNICATIONS OCEANOGRAPHIC RESEARCH
RESEARCH AND DEVELOPMENT (306)									
CALIFORNIA PACIFIC MISSILE TEST CENTER LAGUNA PEAK, CA SAN NICHOLAS ISLAND, CA SANTA BARBARA ISLAND, CA SANTA CRUZ ISLAND, CA NAV PAC MISSILE RANGE FACILITY,	PT MUGU PT MUGU PT MUGU PT MUGU KEKANA	1036 2 2 2 127	1270 2 2 2 54	2306 2 2 2 181	2698 2 2 2 543	9 2 2 2 17	27084 40 13370 4 10 2399	2 26 3 30 27 9	RDTEE AIR LAUNCHED WEAPONS INSTRUMENTATION SITE RANGE INSTRUMENTATION WEATHER STATION INSTRUMENTATION SITE MISSILE FIRING RANGE
HI SAN MIGUEL ISLAND, CA NAVAL WEAPONS CTR, CHINA LAKE NAVAL OCEAN SYSTEMS CENTER CAPE PRINCE OF WALES, AK ARIZONA FACILITY, AZ NAV OCEAN SYSTEM CTR, ELECT. LAB,	PT MUGU RIDGECREST SAN DIEGO WALES MARIPOSA SAN DIEGO	932 315 2 2 2	3982 2812 2 2 2	4914 3127 2 2 2	5423 3700 2 2 2	2 3 2 2 2	9083 21127015 3843 689 1119 3	4 1 8 16 10 31	WEATHER STATION AIR WARFARE MISSILE SYSTEMS OCEAN TECHNOLOGY SUPPORT SITE-OCEAN SYS CTR TEST FACILITY-OCEAN SYS CTR R&D-ELECTRONICS
CA									

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
DIST OF COLUMBIA NAVAL RESEARCH LABORATORY	WASHINGTON	39	3481	3520	3524	4	862	14	PHYSICAL SCIENCES RESEARCH
FLORIDA NAV COASTAL SYSTEMS LABORATORY	PANAMA CITY	254	652	906	1094	14	665	17	COASTAL REGION WARFARE
INDIANA NAVAL AVIONICS CENTER	INDIANAPOLIS	8	2258	2266	2268	10	167	21	AVIONICS REPAIR
MARYLAND D W TAYLOR NAV SHIP R&D CTR NAVAL SHIP R&D CTR, ANNAPOLIS, MD	BETHESDA ANNAPOLIS	22	1600	1622	1622	12	211	20	R&D-SHIP TECHNOLOGY
NAVAL AIR TEST CTR, PAX RIVER WEBSTER FIELD, MD	LEXINGTON PARK	3335	2985	6320	8313	1	6638	6	T&E AIRCRAFT SYSTEMS
CHESAPEAKE TRACKING SITE, MD	ST INIGOEES	x	x	x	x	x	968	12	TEST SITE
NAV SURFACE WEAPONS CTR, WH OAK	LEXINGTON PARK	x	x	x	x	x	234	18	TRACKING SITE
SOLOMONS FACILITY, MD	SILVER SPRING	50	2049	2099	2186	11	1059	11	R&D-NAVAL WEAPONS
NAVAL SURFACE WEAPONS CTR, VA	DAHLGREN	121	2558	2679	2802	7	4321	15	TEST SITE
NEW JERSEY NAVAL AIR ENG CTR, LAKEHURST NAVAL AIR PROPULSION CENTER	LAKEHURST TRENTON	865	1953	2818	3438	5	7399	5	AIRCRAFT LAUNCH/RECOVERY SYS
PENNSYLVANIA NAVAL AIR DEVELOPMENT CENTER	WARMINSTER	317	2147	2464	2816	6	921	13	AIRCRAFT TECHNOLOGY
RHODE ISLAND NAVAL UNDERWATER SYST CTR NAV UNDERWATER SYS DEV CTR, NL, CT	NEWPORT NEW LONDON	89	1465	1554	2754	8	215	19	UNDERSEA WARFARE R&D
TUDOR HILL LABORATORY, BD LAKE SENEGA, NY FISHERS ISLAND, NY	BERMUDA LAKE SENEGA MONTAUK	x	x	x	x	x	8	28	TEST SITE
		x	x	x	x	x	5	29	TEST SITE
		x	x	x	x	x	154	22	TEST SITE



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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
NAV COMM AREA MASTER STA, WPAC	NAHA OKIN, GUAM	1278	118	1396	1413	1	4804	1	COMMUNICATIONS
NAVAL COMM STA, PUERTO RICO	PONCE	308	126	434	507	2	2560	2	COMMUNICATIONS
NAV SECURITY GRP, SABANA SECA	SABANA SECA	273	63	336	336	3	2251	3	COMMUNICATIONS

INTELLIGENCE AND COMMUNICATIONS (303)

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
INTELLIGENCE AND COMMUNICATIONS (303)								
ANTIGUA								
NAVAL FACILITY, ANTIGUA	ANTIGUA	112	*	112	145	13	132	12 OCEANOGRAPHIC RESEARCH
AUSTRALIA								
NAV COMSTA, HAROLD E HOLT	EXMOUTH	357	223	580	580	4	18000	1 COMMUNICATIONS
BAHAMAS								
NAVAL FACILITY, ELEUTHERA	ELEUTHERA	133	30	163	207	10	507	7 OCEANOGRAPHIC RESEARCH
BERMUDA								
NAVAL FACILITY, BERMUDA	ST GEORGE	156	2	158	158	12	17	14 OCEANOGRAPHIC RESEARCH
CANADA								
NAVAL FACILITY, ARGENTIA	ARGENTIA, N'LAND	325	138	463	483	6	9066	2 OCEANOGRAPHIC RESEARCH
GREECE								
NAV COMM STA, NEA MAKRI	NEA MAKRI	340	123	463	463	7	499	8 COMMUNICATIONS

UNCLASSIFIED

DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
AUXILIARY FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
NAVCAMS, MEDITERRANEAN	NAPLES	425	95	520	520	5	15	15	COMMUNICATIONS
NAVAL COMM FAC, OKINAWA NAV COMM STA, YOKOSUKA	ONNA PT, OKINAWA YOKOSUKA	411	167	578	617	3	1167	6	COMMUNICATIONS COMMUNICATIONS
NAVAL COMM STA, BALBOA NAVAL SECURITY GP ACT, GALETA	BALBOA GALETA ISLAND	130	57	187	187	11	1466	4	COMMUNICATIONS COMMUNICATIONS
NAV COMM STA, SAN MIGUEL	SAN MIGUEL	218	96	314	314	8	1242	5	COMMUNICATIONS
NAV COMMUNICATIONS STA, ROTA	ROTA	1042	25	1067	1103	1	159	11	COMMUNICATIONS
NAVAL FACILITY, GRAND TURK	GRAND TURK	106	33	139	139	14	55	13	OCEANOGRAPHIC RESEARCH
NAVAL SECURITY GP ACT, EDZELL NAVAL COMM STA, THURSO	EDZELL, SCOTLAND THURSO, SCOTLAND	626	77	703	797	2	443	9	COMMUNICATIONS COMMUNICATIONS

UNCLASSIFIED  
DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1981

GENERAL PURPOSE (402)	Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
CALIFORNIA										
NAVAL AMPHIB BASE, CORONADO	CORONADO		2990	308	3298	4131	15	4044	5	AMPHIBIOUS WARFARE SUPPORT
NAVSTA, LONG BEACH	LONG BEACH		1442	380	1822	1899	20	1154	11	FLEET&SHORE ESTABLISHMENT SPT
NAV CONST BN CTR, PT HUENEME	PORT HUENEME		4957	3680	8637	10067	8	2458	7	CONSTRUCTION FORCE SUPPORT
NAVAL STATION, SAN DIEGO	SAN DIEGO		44155	2594	46749	47864	1	1164	9	OPERATING BASE
NAV SUB SUPPORT FAC, SAN DIEGO	SAN DIEGO		5882	115	5997	6033	11	289	20	SUBMARINE FORCE SUPPORT
NAVAL SUPPORT ACT, TREASURE IS	SAN FRANCISCO		1214	544	1758	2118	19	1087	14	FLEET&SHORE ESTABLISHMENT SPT
CONNECTICUT										
NAVAL SUB BASE, NEW LONDON	GROTON		11524	999	12523	14732	4	1136	12	SUBMARINE FORCES SUPPORT
DIST OF COLUMBIA										
WASHINGTON NAVY YARD	WASHINGTON		1551	3733	5284	6063	10	511	17	ADMINISTRATIVE SUPPORT
FLORIDA										
NAVAL STATION, MAYPORT	MAYPORT		12895	688	13583	13637	5	3515	6	OPERATING BASE
GEORGIA										
NAVAL SUB SUPPORT BASE-KING BA	ST. MARY'S		1389	109	1498	1628	21	18003	1	SUBMARINE BASE
HAWAII										
NAVAL SUB BASE, PEARL HARBOR	HONOLULU		2503	263	2766	2821	17	103	27	SUBMARINE FORCES SUPPORT
NAVAL STATION, PEARL HARBOR	HONOLULU		11829	1454	13283	13401	6	838	15	OPERATING BASE
PORT ALLEN, HI	PEARL CITY		x	x	x	x	x	400	18	LOGISTICS SUPPORT
FORD ISLAND, HI	PEARL CITY		x	x	x	x	x	189	24	OPERATIONAL SUPPORT
OHANA NUI, HI	AREA		x	x	x	x	x	46	28	OPERATIONAL SUPPORT
PEARL CITY, HI	PEARL CITY		x	x	x	x	x	40	29	OPERATIONAL SUPPORT
CAMP CATLIN, HI	PEARL CITY		x	x	x	x	x	320	19	OPERATIONAL SUPPORT
MAKALAPA, HI	AREA		x	x	x	x	x	106	26	OPERATIONAL SUPPORT

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
LOUISIANA NAVAL SUPPORT ACT, NEW ORLEANS	NEW ORLEANS	2139	1649	3788	4539	12	225	23	FLEET&SHORE ESTABLISHMENT SPT
MISSISSIPPI NAV CONST BN CTR, GULFPORT	GULFPORT	2778	553	3331	4389	13	1101	13	CONSTRUCTION FORCE SUPPORT
NEW YORK NAVAL SUPPORT ACT, BROOKLYN MITCHELL MANOR, NY	BROOKLYN DEER PARK	2296	454	2750	2778	18	133	25	FLEET&SHORE ESTABLISHMENT SPT
		*	*	*	*	*	250	22	SUPPORT ACTIVITIES
OHIO NAVAL FINANCE CTR, CLEVELAND	CLEVELAND	61	1424	1485	1491	22	36	30	ADMINISTRATIVE SUPPORT-FINANCE
PENNSYLVANIA NAV SUPPORT ACT, PHILADELPHIA	PHILADELPHIA	4795	1197	5992	6075	9	522	16	FLEET&SHORE ESTABLISHMENT SPT
SOUTH CAROLINA NAVAL STATION, CHARLESTON	CHARLESTON	20911	11480	32391	32693	3	1155	10	OPERATING BASE
VIRGINIA NAVAL AMPHIB BASE, LITTLE CREEK BLOODSWORTH ISLAND, MD NAVAL STATION, NORFOLK	NORFOLK CROCHERON NORFOLK	8903	831	9734	11034	7	11813	2	AMPHIBIOUS WARFARE SUPPORT
		*	*	*	*	*	6013	4	TARGET COMPLEX
		38508	1721	40229	41612	2	1450	8	OPERATING BASE
WASHINGTON NAVAL SUBMARINE BASE, BANGOR NAVAL SUPPORT ACT, SEATTLE	BREMERSTON SEATTLE	1148	1463	2611	4193	14	7969	3	SUBMARINE BASE
		1830	710	2540	2894	16	271	21	FLEET&SHORE ESTABLISHMENT SPT

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (402)									
NAVAL STATION, GUAM	NAHA OKIN, GUAM	GUAM 1602	647	2249	2249	1	28967	1	FLEET SUPPORT
NAVAL STATION, MIDWAY	MIDWAY ISLAND	MIDWAY ISLANDS 522 *	522	522	522	2	1471	2	FLEET SUPPORT

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MISSION SUPPORT FORCES  
Military Installations Used By  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
GENERAL PURPOSE (402)								
NAVAL SUPPORT FACILITY	DIEGO GARCIA	1427	*	1427	1427	6	7000	3 SUPPORT ACTIVITIES
	ITALY							
NAV SPT OFFICE, LA MADDALENA NAVAL SUPPORT ACTIVITY, NAPLES	LA MADDALENA NAPLES	1051 2456	38 866	1089 3322	1089 3348	7 3	5 168	9 SUBMARINE SUPPORT 6 FLEET SUPPORT
	JAPAN							
NAVAL FLEET ACTIVITY, YOKOSUKA	YOKOSUKA	2340	4793	7133	7134	1	3542	5 FLEET SUPPORT
	PANAMA							
NAVAL SUPPORT ACT, CANAL ZONE	RODMAN	272	251	523	591	9	10663	2 LOGISTIC SUPPORT
	PHILIPPINES							
NAVAL STATION, SUBIC BAY	SUBIC BAY	947	471	1418	1515	5	13937	1 OPERATING BASE
	SPAIN							
NAVAL STATION, ROTA	ROTA	3582	1409	4991	5025	2	6823	4 OPERATING/AIR BASE

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Military Installations Used By  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
UNITED KINGDOM									
NAVAL SUPPORT ACT, HOLY LOCH	DUNGOON, SCOTLAND	2925	32	2957	2957	4	15	7	FLEET SUPPORT
NAVAL SUPPORT ACT, LONDON	LONDON	754	107	861	861	8	6	8	FLEET, SHORE ESTAB. SUPPORT

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CENTRAL SUPPORT FORCES  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
CALIFORNIA									
NAVAL WEAPONS STA, CONCORD	CONCORD	1727	1096	2823	2848	17	13756	4	ORDNANCE SUPPORT
LONG BEACH NAVAL SHIPYARD	LONG BEACH	51	7206	7257	7433	7	350	35	SHIP ALTERATION&REPAIR
NAVAL SUPPLY CTR, OAKLAND	OAKLAND	955	3026	3981	4279	12	1053	23	SUPPLY SUPPORT
NAV PUBLIC WKS CTR, S FRAN	OAKLAND	13	1117	1130	1130	26	696	28	FACILITIES SUPPORT
NAVAL IND. RESERVE PLANT	POMONA	*	*	*	*	*	165	43	MISSILE SYSTEMS (C)
NAVAL SUPPLY CTR, SAN DIEGO	SAN DIEGO	374	1199	1573	1618	22	20	56	SUPPLY SUPPORT
NAVAL FUEL DEPOT, SAN PEDRO, CA	SAN PEDRO	*	*	*	*	*	330	36	STORAGE-FUELS
NAV PUBLIC WKS CTR, SAN DIEGO	SAN DIEGO	3	675	678	678	30	1518	20	FACILITIES SUPPORT
HUNTERS POINT NAVAL SHIPYARD	SAN FRANCISCO	*	*	*	*	*	982	24	SHIP REPAIR (I)
NAVAL WEAPONS STA, SEAL BEACH	SEAL BEACH	377	1861	2238	2513	19	13975	3	ORDNANCE SUPPORT
MARE ISLAND NAVAL SHIPYARD	VALLEJO	2300	9615	11915	12202	2	5895	11	SHIP ALTERATION&REPAIR
CONNECTICUT									
NAVAL WEAPONS IND RESERVE PLT	BLOOMFIELD	*	*	*	*	*	85	50	PRODUCTION-HELICOPTERS (C)
FLORIDA									
NAVAL FUEL DEPOT, JACKSONVILLE	JACKSONVILLE	4	29	33	33	35	181	42	STORAGE-FUELS
NAV PUBLIC WKS CTR, PENSACOLA	PENSACOLA	9	637	646	806	27	297	38	FACILITIES SUPPORT
NAVAL WEAPONS IND RESERVE PLT	WEST PALM BEACH	*	*	*	*	*	400	34	STORAGE-AIRCRAFT PARTS (C)
HAWAII									
PEARL HARBOR NAVAL SHIPYARD	HONOLULU	345	6470	6815	6815	8	155	44	SHIP ALTERATION & REPAIR
NAVAL SUPPLY CTR, PEARL HARBOR	HONOLULU	70	693	763	794	28	838	26	SUPPLY SUPPORT
NAVAL MAGAZINE, LUALUALEI	HONOLULU	247	169	416	416	33	12004	5	ORDNANCE SUPPORT
KOLE KOLE PASS, HI	WAIPIHU	*	*	*	*	*	31	54	LOGISTICS SUPPORT
LOWER KIPAPA, HI	WAIPIHU	*	*	*	*	*	40	52	LOGISTICS SUPPORT
WAIKELE, HI	WAIPIHU	*	*	*	*	*	522	30	LOGISTICS SUPPORT
WAIPIO PENINSULA, HI	WAIPIHU	*	*	*	*	*	2691	14	AMMUNITION STORAGE
WEST LOCH, HI	WAIPIHU	*	*	*	*	*	10273	9	AMMUNITION STORAGE
NAV PUB WKS CTR, PEARL HARBOR	PEARL HARBOR	13	1558	1571	1571	23	2116	16	FACILITIES SUPPORT

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
ILLINOIS NAV PUBLIC WKS CTR, G LAKES	NORTH CHICAGO	11	609	620	677	31	540	29	FACILITIES SUPPORT
INDIANA NAV WEAPONS SUPPORT CTR, CRANE NAVAL IND RESERVE ORDNANCE PLT	CRANE MISAWAKA	57	3290	3347	3576	14	62509	1	WEAPONS SYSTEM & ORDNANCE SPT
							26	55	MISSILE SUPPORT (C)
KENTUCKY NAV ORDNANCE STA, LOUISVILLE	LOUISVILLE	8	2430	2438	2439	20	129	46	ORDNANCE SUPPORT
MAINE NAVAL INDUSTRIAL RESERVE PLANT	SOUTH BRISTOL							15	58 TEST FACILITY
MARYLAND NAVAL IND RESERVE ORDNANCE PLT NAVAL ORDNANCE STA, INDIAN HEAD	CUMBERLAND INDIAN HEAD						1577	19	R&D-PROPELLANTS (C)
		282	2144	2426	2719	18	3381	13	ORDNANCE SUPPORT
MASSACHUSETTS NAVAL WEAPONS IND RESERVE PLT NAVAL IND RESERVE ORDNANCE PLT	BEDFORD PITTSFIELD						42	51	R&D-MISSILES & AIRCRAFT (C)
							32	53	PRODUCTION-MSL COMPONENTS (C)
MINNESOTA NAVAL INDUSTRIAL RESERVE PLANT	ST PAUL						15	58	PRODUCTION-ELECTRONIC EQUIP(C)
NEW HAMPSHIRE PORTSMOUTH NAVAL SHIPYARD	PORTSMOUTH	996	7787	8783	8855	5	286	39	SHIP ALTERATION & REPAIR
NEW JERSEY NAVAL WEAPONS STA, EARLE	COLTS NECK	725	658	1383	1438	24	11165	6	ORDNANCE SUPPORT
NEW MEXICO NAVAL ORDNANCE MSL TEST FAC	DONA ANA	89	54	143	143	34	112	48	MISSILE TEST RANGE

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-	Rank	Major Unit-Activity-Function
							Acres		
NEW YORK NAVAL WEAPONS IND RESERVE PLT NAVAL WEAPONS IND RESERVE PLT NAVAL IND RESERVE ORDNANCE PLT	BETHPAGE CALVERTON ROCHESTER	x x x	x x x	x x x	x x x	x x x	120 6851 12	47 10 59	PRODUCTION-AIRCRAFT & PARTS (C) PRODUCTION-AIRCRAFT (C) PRODUCTION-FUZES (C)
OHIO NAVAL WEAPONS IND RESERVE PLT	COLUMBUS	x	x	x	x	x	402	33	PRODUCTION-AIRCRAFT (C)
PENNSYLVANIA NAVY SHIPS PARTS CONTROL CTR PHILADELPHIA NAVAL SHIPYARD NAVAL AVIATION SUPPLY OFFICE	MECHANICSBURG PHILADELPHIA PHILADELPHIA	172 286 143	6006 8913 5568	6178 9199 5711	6255 9473 5711	9 4 10	824 904 135	27 25 45	INVENTORY CONTROL POINT SHIP ALTERATION & REPAIR INVENTORY CONTROL POINT
RHODE ISLAND NAV CONST BN CTR, DAVISVILLE	NORTH KINGSTOWN	16	228	244	707	29	1284	22	MAINTENANCE & STORAGE (I)
SOUTH CAROLINA CHARLESTON NAVAL SHIPYARD NAVAL WEAPONS STA, CHARLESTON NAVAL SUPPLY CTR, CHARLESTON	CHARLESTON CHARLESTON CHARLESTON	110 4088 125	7693 1221 1052	7803 5309 1177	7971 5374 1198	6 11 25	1906 16589 195	18 2 41	SHIP ALTERATION & REPAIR WEAPONS SYSTEMS SUPPORT SUPPLY SUPPORT
TENNESSEE NAVAL WEAPONS IND RESERVE PLT	BRISTOL	x	x	x	x	x	105	49	PRODUCTION-MSL COMPONENTS (C)
TEXAS NAVAL WEAPONS IND RESERVE PLT NAVAL WEAPONS IND RESERVE PLT	DALLAS MCGREGOR	x x	x x	x x	x x	x x	315 10730	37 7	PRODUCTION-AIRCRAFT PARTS (C) PRODUCTION-ROCKET MOTORS (C)
UTAH NAVAL IND RESERVE ORDNANCE PLT	MAGNA	x	x	x	x	x	506	31	PRODUCTION-MISSILE PARTS (C)
VIRGINIA NAVAL WEAPONS STA, YORKTOWN NAV PUBLIC WKS CTR, NORFOLK NAVAL SUPPLY CTR, NORFOLK	NEWPORT NEWS NORFOLK NORFOLK	1103 17 485	1876 1843 3732	2979 1860 4217	3043 1860 4219	16 21 13	10638 474 2672	8 32 15	ORDNANCE SUPPORT FACILITIES SUPPORT SUPPLY SUPPORT

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NORFOLK NAVAL SHIPYARD	PORTSMOUTH	784	11421	12205	13203	1	1309	21	SHIP ALTERATIONS & REPAIR
WASHINGTON									
PUGET SOUND NAVAL SHIPYARD	BREMERTON	917	10687	11604	11783	3	2020	17	SHIP ALTERATION & REPAIR
NAVAL SUPPLY CTR, PUGET SOUND	BREMERTON	61	493	554	561	32	256	40	SUPPLY SUPPORT
NAV UNDERSEA WARFARE ENGR STA	KEYPORT	301	2448	2749	3157	15	4078	12	UNDERWATER WEAPONS SUPPORT
TRAINING, MEDICAL AND OTHER PERSONNEL (508)									
CALIFORNIA									
NAV REG MED CTR, LONG BEACH	LONG BEACH	473	408	881	901	27	65	54	HEALTH CARE
NAVAL POSTGRADUATE SCHOOL	MONTEREY	1657	787	2444	3697	13	630	34	PROFESSIONAL DEVELOPMENT TNG
NAV REG MED CTR, OAKLAND	OAKLAND	1247	609	1856	1953	20	207	47	HEALTH CARE
NAV REG MED CTR, C PENDLETON	OCEAN SIDE	661	400	1061	1061	23	339	41	HEALTH CARE
NAVAL TRAINING CTR, SAN DIEGO	SAN DIEGO	2187	583	2770	10529	5	608	35	RECRUIT & SKILL TRAINING
FLEET ASW TRAINING CTR, PAC	SAN DIEGO	932	80	1032	2083	19	27	62	ASW TRAINING
FLEET COMBAT TRAINING CTR, PAC	SAN DIEGO	630	308	938	1529	22	91	50	SPECIALIZED TRAINING
NAV REG MED CTR, SAN DIEGO	SAN DIEGO	2033	943	2976	3606	14	85	52	HEALTH CARE
CONNECTICUT									
SUBMARINE MEDICAL CENTER	NEW LONDON	390	109	499	499	36	*	*	HEALTH CARE
FLORIDA									
NAV REG MED CTR, JACKSONVILLE	JACKSONVILLE	654	292	946	946	24	75	53	HEALTH CARE
NAS, WHITTING FIELD	MILTON	2080	496	2576	4036	12	11029	2	FLIGHT TRAINING
NAVAL OLF SANTA ROSA, FL	SANTA ROSA	*	*	*	*	*	738	29	AUXILIARY TRAINING FIELD
NAVAL OLF BARIN, AL	BALDWIN	*	*	*	*	*	968	25	AUXILIARY TRAINING FIELD
NAVAL OLF SITE 6, FL	ESCAMBIA	*	*	*	*	*	479	38	AUXILIARY TRAINING FIELD
NAVAL OLF VOLFE, AL	BALDWIN	*	*	*	*	*	683	31	AUXILIARY TRAINING FIELD
NAVAL OLF SPENCER, FL	SANTA ROSA	*	*	*	*	*	1280	22	AUXILIARY TRAINING FIELD
NAVAL OLF BREWTON, FL	MILTON	*	*	*	*	*	673	32	AUXILIARY TRAINING FIELD
NAVAL OLF PACE, FL	MILTON	*	*	*	*	*	207	47	AUXILIARY TRAINING FIELD
NAVAL OLF HAROLD, FL	MILTON	*	*	*	*	*	573	36	AUXILIARY TRAINING FIELD
NAVAL OLF HOLLEY, FL	SANTA ROSA	*	*	*	*	*	1338	21	AUXILIARY TRAINING FIELD
NAVAL OLF 8A, FL	ESCAMBIA	*	*	*	*	*	640	33	AUXILIARY TRAINING FIELD
NAVAL OLF MIDDLETON, AL	CONECUTT CO	*	*	*	*	*	352	40	AUXILIARY TRAINING FIELD
NAVAL TRAINING CENTER, ORLANDO	ORLANDO	2385	1853	4238	14775	2	2068	14	RECRUIT & SKILL TRAINING
NAV AERO&REG MED CTR, PENSACOLA	PENSACOLA	453	250	703	704	31	42	57	HEALTH CARE

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NAS, PENSACOLA	PENSACOLA	5020	5738	10758	12337	4	2869	12	FLIGHT TRAINING, NARF
NAVAL OLF FAIRCLOTH, AL	BALDWIN	*	*	*	*	*	2865	44	AUXILIARY TRAINING FIELD
NAVAL OLF KINGS, AL	BALDWIN	*	*	*	*	*	2860	11	AUXILIARY TRAINING FIELD
NAVAL OLF SUMMERDALE, AL	BALDWIN	*	*	*	*	*	1685	19	AUXILIARY TRAINING FIELD
NAVAL OLF SILVER HILL, AL	BALDWIN	*	*	*	*	*	749	28	AUXILIARY TRAINING FIELD
NAVAL OLF CHOCTAW, FL	SANTA ROSA	*	*	*	*	*	800	27	AUXILIARY TRAINING FIELD
NAVAL OLF 4A, FL	ESCAMBIA	*	*	*	*	*	314	42	AUXILIARY TRAINING FIELD
NAVAL OLF BRIMSON, FL	ESCAMBIA	*	*	*	*	*	1738	18	AUXILIARY TRAINING FIELD
NAVAL OLF SAUFLEY, FL	PENSACOLA	*	*	*	*	*	3541	8	AUXILIARY TRAINING FIELD
NAVAL OLF KAISER, AL	BALDWIN	*	*	*	*	*	304	43	AUXILIARY TRAINING FIELD
NAVAL OLF MAGNOLIA, AL	BALDWIN	*	*	*	*	*	728	30	AUXILIARY TRAINING FIELD
NAVAL OLF CANAL, FL	PENSACOLA	*	*	*	*	*	552	37	AUXILIARY TRAINING FIELD
NAVAL TECH TNG CTR, CORRY STA	PENSACOLA	2478	130	2608	4303	11	473	39	SPECIALIZED TRAINING
NAV ED&TNG PRO DEV CTR, ELLYSON	PENSACOLA	272	339	611	621	32	867	26	TRAINING PROGRAM DEVELOPMENT
GEORGIA NAVY SUPPLY CORPS SCHOOL	ATHENS	85	62	147	429	38	56	55	SKILL TRAINING
ILLINOIS NAVAL TNG CTR, NORTH CHICAGO NAV REG MED CTR, G LAKES	NORTH CHICAGO NORTH CHICAGO	3022 803	1172 237	4194 1040	12458 1569	3 21	1026 85	24 52	RECRUIT & SKILL TRAINING HEALTH CARE
MARYLAND US NAVAL ACADEMY NATIONAL NAVAL MEDICAL CENTER	ANNAPOLIS BETHESDA	844 2391	1738 2083	2582 4474	7025 4725	6 10	1747 243	17 45	OFFICER ACQUISITION TRAINING HEALTH CARE
MISSISSIPPI NAS, MERIDIAN NAVAL OLF BRAVO, MS NAVAL OLF ALPHA, MS	MERIDIAN KEMPER LAUDERDALE	1444 * *	383 * *	1827 * *	2878 * *	16 * *	13495 4337 1785	1 6 16	FLIGHT TRAINING AUXILIARY TRAINING FIELD AUXILIARY TRAINING FIELD
NORTH CAROLINA NAV REG MED CTR, CAMP LEJEUNE	JACKSONVILLE	561	289	850	850	28	127	48	HEALTH CARE
PENNSYLVANIA NAV REG MED CTR, PHILADELPHIA	PHILADELPHIA	576	361	937	937	25	48	56	HEALTH CARE

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	AFTA Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
<b>RHODE ISLAND</b>									
NAVAL WAR COLLEGE	NEWPORT	216	206	422	770	30	22	65	PROFESSIONAL DEVELOPMENT TNG
NAV EDUCATION & TRAINING CTR	NEWPORT	2641	1355	3996	5422	9	2298	13	OFF INDOCTRINATION & SKILL TNG
NAV REG MED CTR, NEWPORT	NEWPORT	275	173	448	448	37	41	58	HEALTH CARE
<b>SOUTH CAROLINA</b>									
FLEET AND MINE WARFARE TNG CTR	CHARLESTON	175	10	185	248	41	10	66	SKILL TRAINING
FBN SUBMARINE TRAINING CENTER	CHARLESTON	259	19	278	610	33	8	67	SKILL TRAINING
NAV REG MED CTR, CHARLESTON	NO CHARLESTON	626	272	898	929	26	24	64	HEALTH CARE
<b>TENNESSEE</b>									
NAS, MEMPHIS	MILLINGTON	3126	1128	4254	15913	1	3498	9	SKILL TRAINING
NAV REG MED CTR, MEMPHIS	MILLINGTON	478	119	597	597	34	39	59	HEALTH CARE
<b>TEXAS</b>									
NAS, CHASE FIELD	BEEVILLE	1542	478	2020	2237	18	9633	3	FLIGHT TRAINING
NAVAL ALF GOLIAD, TX	BEEVILLE	2229	4194	6423	6871	7	1570	20	AUXILIARY TRAINING FIELD
NAS, CORPUS CHRISTI	CORPUS CHRISTI	2229	4194	6423	6871	7	4373	5	FLIGHT TRAINING
NAVAL ALF CABANISS, TX	NUECES	2229	4194	6423	6871	7	4268	7	AUXILIARY TRAINING FIELD
NAVAL ALF WALDRON, TX	CORPUS CHRISTI	2229	4194	6423	6871	7	2042	15	AUXILIARY TRAINING FIELD
NAV REG MED CTR, CORP CHRISTI	CORPUS CHRISTI	224	88	312	313	39	32	60	HEALTH CARE
NAS, KINGSVILLE	KINGSVILLE	1648	400	2048	2316	17	5582	4	FLIGHT TRAINING
NAVAL ALF ORANGE, TX	ORANGE GROVE	1648	400	2048	2316	17	3360	10	AUXILIARY TRAINING FIELD
<b>VIRGINIA</b>									
FLEET ASW TRAINING CTR, LANT	NORFOLK	236	8	244	274	40	5	68	ASW TRAINING
ARMED FORCES STAFF COLLEGE	NORFOLK	445	92	537	801	29	30	61	PROFESSIONAL DEVELOPMENT TNG
NAV REG MED CTR, PORTSMOUTH	PORTSMOUTH	2119	1064	3183	3443	15	111	49	HEALTH CARE
FLEET COMBAT TRAINING CTR, LANT	VIRGINIA BEACH	3228	438	3666	5910	8	1038	23	SPECIALIZED TRAINING
<b>WASHINGTON</b>									
NAV REG MED CTR, BREMERTON	BREMERTON	309	196	505	514	35	24	84	HEALTH CARE

UNCLASSIFIED

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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
NAV PUBLIC WKS CTR, GUAM	AGANA, GUAM	12	1175	1187	1187	1	2005	2	FACILITIES SUPPORT
NAVAL SHIP REPAIR FAC, GUAM	AGANA, GUAM	116	742	858	860	2	185	4	FLEET MAINTENANCE
NAVAL MAGAZINE, GUAM	NAHA OKIN, GUAM	169	69	238	238	4	8642	1	STORAGE-AMMUNITION
NAVAL SUPPLY DEPOT, GUAM	NAHA OKIN, GUAM	68	374	442	445	3	1558	3	SUPPLY SUPPORT
PUERTO RICO									
NAVAL DRYDOCK & REPAIR FAC	SAN JUAN						31	5	SHIP REPAIR FACILITY (C)
TRAINING, MEDICAL AND OTHER PERSONNEL (508)									
NAV REG MED CTR, GUAM	AGANA, GUAM	429	94	523	523	1	113	1	HEALTH CARE

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
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## CENTRAL SUPPLY AND MAINTENANCE (507)

JAPAN								
NAVAL SUPPLY DEPOT, YOKOSUKA	YOKOSUKA	147	991	1138	1192	6	905	3 SUPPLY SUPPORT
NAV SHIP REPAIR FAC, YOKOSUKA	YOKOSUKA	58	1675	1733	1736	3	*	FLEET MAINTENANCE
NAVY PUBLIC WKS CTR, YOKOSUKA	YOKOSUKA	28	1170	1198	1198	5	344	4 FACILITIES SUPPORT
PHILIPPINES								
NAVAL SUPPLY DEPOT, SUBIC BAY	SUBIC BAY	283	954	1237	1373	4	25	6 SUPPLY SUPPORT
NAV SHIP REPAIR FAC, SUBIC BAY	SUBIC BAY	146	3858	4004	4004	1	100	5 FLEET MAINTENANCE
NAVAL MAGAZINE, SUBIC BAY	SUBIC BAY	355	194	549	801	7	2000	1 STORE/MAINTAIN ORDNANCE
NAV PUBLIC WKS CTR, SUBIC BAY	SUBIC BAY	13	2367	2380	3848	2	911	2 FACILITIES SUPPORT

## TRAINING, MEDICAL AND OTHER PERSONNEL (508)

ITALY								
NAVY REG MED CTR, NAPLES	NAPLES	201	75	276	279	5	6	2 HEALTH CARE
JAPAN								
NAVAL REG MED CTR, OKINAWA	KOZA, OKINAWA	399	251	650	650	1	*	HEALTH CARE
NAVAL ORD FAC, SASEBO	SASEBO	83	445	528	648	2	8410	1 ORDNANCE SUPPORT
NAVY REG MED CTR, YOKOSUKA	YOKOSUKA	327	210	537	537	3	*	HEALTH CARE



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DEPARTMENT OF DEFENSE  
NAVY BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
PHILIPPINES									
NAVAL REG MED CTR, SUBIC BAY	SUBIC BAY	287	190	477	477	4	4	4	HEALTH CARE
SPAIN									
NAVAL HOSPITAL, ROTA	ROTA	162	24	186	200	6	6	6	HEALTH CARE

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AIR FORCE

## CHAPTER FOUR

### AIR FORCE BASE STRUCTURE

#### I. INTRODUCTION

The Air Force Base Structure Chapter to the Manpower Requirements Report for FY 1981 is submitted in accordance with Section 302, P 94-361. Section II, Base Structure Overview, describes the criteria used by the Air Force in determining the Air Force base structure. It also includes historical data on the base structure and related manpower trends. Section III relates the needs of the major activities within each Installation Defense Planning and Programming Category (IDPP) to the current base structure. Major changes to the FY 1981 force structure and their impact on the base structure are also described. Section IV gives a breakdown of projected Air Force base operations costs for FY 1981. Section V summarizes recent major actions taken to reduce base operations costs. It also describes some alternatives that the Air Force is pursuing in this area. Finally, Section VI consists of the listing of the installations, activities and properties comprising the base structure. The listing is arranged by IDPP category by geographical area (U.S., U.S. Territories and Possessions, and Foreign areas). In addition, a ranking column is included for the "total personnel" and the land area which indicates the rank of the installation in descending order within each IDPP category for these data.

It is emphasized that the IDPPC classification system considers only the "primary" mission at multi-mission installations. At installations where more than one significant mission exists, a subjective determination of the "primary" mission of that installation was made.

## II. BASE STRUCTURE OVERVIEW

The base posture of the Air Force exists to support the assigned forces. Since forces are a dynamic element, the base posture is also dynamic. As forces change, base requirements change, and as a result realignments in the base posture are required. The major considerations and criteria used to determine base realignments must insure that the action selected from the available alternatives best meets the various operational, geographic, facility, environmental and economic parameters and is the most consistent with the overall mission requirements of the Air Force.

The Air Force has sought to maintain an optimum base structure to support the currently assigned and projected forces. As force levels have reduced during the last several years, the number of Air Force bases has also reduced. This trend can be readily seen in the table below.

### AIR FORCE REAL PROPERTY & PERSONNEL STRENGTH

<u>FISCAL YEAR</u>	<u>CONUS LOCATIONS</u>	<u>FOREIGN LOCATIONS</u>	<u>TOTAL LOCATIONS</u>	<u>PERSONNEL</u>
1975	2231	597	2828	890,529
1976	2191	574	2765	846,899
1977	2154	579	2733	825,800
1978	2136	583	2719	820,582
1979	2114	574	2688	804,302

Other management actions have contributed to this trend. For example, during the past several years the Strategic Defensive forces of the Aerospace Defense Command have undergone extensive realignment and reorganization. This was the result of a phased modernization of the air defense system which incorporated numerous technological advances and improved operational concepts. The reorganization also integrated Air Force command/control facilities with those of the Federal Aviation Administration's National Aerospace System. A significant reduction in the number of strategic defensive aircraft has also occurred, thereby reducing the overall basing requirements. The number of strategic offensive aircraft has been reduced and some Strategic Air Command KC-135 tankers have been transferred to the Air Reserve Forces.

A number of actions have occurred in the Air Force research and development support structure. These consist primarily of realignment of certain mission functions, consolidating test and evaluation support activities, and the restructuring of Air Force Systems Command technology base laboratories. The disestablishment in 1976 of the Air Force Special Weapons Center at Kirtland AFB, NM, is one example of these actions.

When Air Force base requirements are evaluated, the most effective installations are selected for retention based upon specific considerations and criteria. The reduction in the Air Force real property inventory has been the result of a continual evaluation of the forces' base requirements.

MAJOR CONSIDERATIONS AND CRITERIA: In determining the effectiveness of an installation, several major considerations are germane. First is the need to provide installations which meet the various operational and training requirements of assigned forces. Second, there is the need to provide bases to support the force deployments envisioned in the United States strategy. Third is the policy that multi-mission bases, i.e., those at which more than one major type of force (strategic, logistical, airlift, etc.) are stationed, will be used to the maximum extent possible. Fourth, the base posture should retain the flexibility to beddown the force when unprogrammed changes occur.

The above considerations have evolved into broad criteria which are used by the Air Force in developing and evaluating base realignment actions. These are: geographic location; facility availability and condition; community support available for Air Force activities/population; potential to accommodate future force requirements; existing or future encroachment which might impact Air Force operations; budgeting considerations inherent in the proposed realignment action; possible adverse environmental impact; and mission degradation as a result of force turbulence.

In developing realignment actions, the major considerations and criteria have to be evaluated for each proposal in total, as opposed to handling each as an independent action, with the goal of achieving an optimum balance. A discussion of the four major considerations and the resultant criteria is provided below.

MAJOR CONSIDERATIONS:

Operational and Training Requirements: Since the Air Force base posture exists to support the mission of the assigned forces, the ability of each base to meet the unique operational and training requirements of the assigned force is of paramount importance. Each force element, such as strategic offense, tactical fighter, strategic airlift, and training, manifests itself in terms of airspace, range requirements, deployment and employment routes, availability of lines of communications, survivability, facility requirements, etc.

The current base posture reflects a force beddown in which the forces' operational and training requirements are best supported. Realignment of forces can make alterations of the base posture necessary; however, the resulting beddown must, to the extent possible, enhance the ability of the force to meet its

unique operational and training requirements. These requirements will be summarized in Section III under the appropriate Installation Defense Planning and Programming Category (IDPPC).

Force Deployment: The force structure of the Air Force is based on the national strategy. This strategy determines potential areas in which forces would be used and determines which forces would be deployed or employed from the CONUS. This strategy then serves to determine how many and what kind of bases are needed overseas and in the CONUS.

Use of Multi-Mission Bases: A major expense of each installation is the cost of resources required to "open the door," i.e., the fixed Base Operating Support resources such as facilities, manpower, and materials required because of the mere existence of the installation. These "open the door" costs are relatively insensitive to changes in the assigned mission. (Road repair is an example.) Variable base operating support resources are added commensurate with the support requirements of assigned missions. Therefore, when missions are compatible and facilities available or obtainable, it is cost-advantageous when one of the missions is of a support nature such as research and development and the other is operational such as tactical fighter, strategic bomber, etc. Additionally, missions which have a relatively small number of personnel or equipment are most economically accommodated on bases which have other major missions.

Although multi-mission bases are economical, the compatibility of missions must be given prime consideration. Some missions, such as pilot training, do not lend themselves to certain multi-mission installations. Additionally, the more missions assigned to an installation the greater the difficulty in closing the installation if a major mission at the base is reduced. In this sense, multi-mission bases may inhibit future flexibility in restructuring the overall base posture.

Future Flexibility: Realignment actions which result in base closure can result in a limiting of future flexibility to meet various programmed and unprogrammed force adjustments. Therefore, the selection of bases to be closed should, to the extent possible, result in closure of the least flexible bases. If flexibility were the sole determinant, bases which have constraints in the nature of airspace, encroachment of civilian activities, single missions, limited real estate, poor community support facilities, poor physical facilities, etc., should logically be considered for closure prior to bases which have the potential to accommodate additional or new missions.

#### CRITERIA:

Geographic Location: The geographic location of an installation influences the ability of assigned forces to execute their mission. These geographic factors include weather, availability

of training areas, proximity to employment/deployment routes, survivability, airspace availability, transportation networks, etc. For each mission there are optimum geographic locations which provide maximum operational effectiveness. These locations should be used in selecting bases to beddown missions and will be discussed further in Section III.

Facility Availability: Maximum practical utilization of existing government facilities with minimum expenditures for new facilities should be a primary goal in realignment actions. This includes mission related facilities as well as support facilities. For example, if the unit is an operational flying activity, the runway complex (number, width, length, load bearing capacity), capacity of the aircraft parking ramp, and a maintenance complex capable of supporting the assigned aircraft (e.g., proper size docks and hangars, sufficient communications-electronics and avionics maintenance space, etc.) are of major concern in evaluating the proposed action. Conversely, for administrative and headquarters activities, the proper amount of administrative space is essential. For training activities, classroom and student housing are key factors. For all actions, availability of housing (bachelor and family) for any increase in population is a significant element.

Certain unique facility requirements are generated by intelligence, communications, logistical, and research and development activities. Relocation to installations which do not have facilities available to accommodate these functions may not be feasible due to the cost of new facilities. Also, due to mission requirements, these facilities must often be duplicated and in being prior to shutting down the current activity. This can often be expensive due to delay in realizing savings as well as redundancy in equipment and facilities. Similar circumstances exist in relocating other missions, such as strategic airlift which requires large terminal complexes to receive and process cargo.

Requirements for small missions may generally be provided with only minor modification. This is particularly true if the unit's equipment consists of small aircraft or if no aircraft are assigned. Requirements for administrative space can be met in various ways such as conversion of excess space in other functional areas. Additionally, the overall condition of the real property facilities at the base is an important element in the selection process. Often, if an activity is housed on an installation which has a great deal of substandard deteriorated facilities - both prime mission as well as support - relocation to a base with permanent facilities may be most effective even if certain facility requirements cannot be met initially. Over a period of time, provision of a few additional facilities would prove economically beneficial as opposed to providing a large number of expensive replacement facilities at the previous base, as well as continuing the base operating support costs for both bases.

An additional facility consideration is the extent a base's facilities support other installations in the area. For example, if a base provides hospital, housing, and other support facilities for surrounding installations, it may not be possible to completely close the base. As a result, savings from the realignment may be significantly less than at a base where all activities can be shut down and facilities declared excess.

Community Support: Civilian support resources (e.g., community housing, medical, schools, and recreational facilities) are a consideration in developing base realignment actions. When possible, base realignment actions should take maximum advantage of already developed civilian resources which can be used to support the assigned personnel. Of particular importance is family housing. Areas which have residual capability to adequately house Air Force families will negate the cost of providing government housing and facilitate rapid completion of the proposed action. Conversely, areas in which community support facilities are limited place an increasing degree of importance on the base facilities. Adequate support should exist on or off a gaining base to avoid a realignment action being counter productive in terms of personnel morale. Since personnel support capability on our installations is limited, the contribution of the civilian community in this area is very important

Potential: Since the future forces cannot be predicted with certainty and are subject to unprogrammed changes, flexibility to accommodate these changes within the base posture should be preserved when possible and economical. This entails developing reasonable assumptions on what unprogrammed force changes might occur and determining how the various basing options could support the assumed force changes. However, flexibility is difficult to quantify and, as a result, tends to be a subjective consideration. There are some instances though which do lend themselves to objective analysis. For example, for pilot production, capacity at each Undergraduate Pilot Training Base can be determined. Based on the required levels of pilot production, the degree of flexibility (unused production capacity) within the system can be determined and the degree that the system can meet increases can be calculated. As a result, the degree of flexibility in the system can be predicted and controlled. Similarly, workload versus base capacity can be determined for other training and support activities.

Unfortunately, the degree of flexibility of the base systems to meet other program changes not the result of clear cut workloads is difficult to determine. For example, the flexibility of the base system to accommodate tactical units in the CONUS currently deployed overseas depends on many variables such as type of unit, activity levels of the unit, if they are to be



these instances the underlying assumptions are subjective. Notwithstanding the subjectivity, it is important that base realignment alternatives be weighed in terms of their potential to meet unprogrammed force changes.

Encroachment: Urban and airspace encroachment into vital areas surrounding installations is of continuing concern. Some installations which were originally remote have attracted major population growth and, as a result, continued air operations have been threatened through urban expansion. The potential for midair collisions must be considered for basing programs. To the extent possible, basing actions must avoid aggravating potential midair collision conditions. The increased civil and private air activity has served to restrict the airspace available for military operations. Encroachment, therefore, is an element in determining the future viability of an installation and is a consideration in determining base realignment actions.

A program (Air Installation Compatible Use Zone - AICUZ) to protect installations from encroachment is in progress. This program inputs planning data into the intergovernmental/interagency forum for implementation through various means including comprehensive planning, zoning, real property rights, acquisitions, construction practices, etc. Encroachment has been stopped or slowed at a number of installations under the AICUZ Program. However, where encroachment has become a major problem, its impact must be considered during development of base realignment actions.

Budget: High-cost, single-mission installations with limited real estate and outmoded, old, functionally inefficient facilities are prime candidates for closure. Significant annual savings result from the closure of such bases. However, the relative cost effectiveness of retaining installations is also a major factor in determining base realignments. Consolidation of missions on a single multi-mission installation to allow a base closure generally results in significant annual savings. These savings are offset in some instances by the required investment, particularly in facilities needed to consolidate. In evaluating the budget implication of base realignments, it is necessary that initial and annual savings be weighed against the one-time construction and movement costs of the various options. Consideration should be given to consolidations which minimize the investment in new facilities while maximizing the annual savings. In general, large outlays in construction or equipment funds are not feasible and options which depend on such outlays should be avoided unless no other viable alternative exists.

Environment: All proposed major federal actions must be analyzed to determine if any of the activities associated with the action will cause a significant impact on the human environment or precipitate public controversy on environmental issues. Based upon this analysis, a "finding of no significant impact" is made

or an environmental impact statement is prepared, filed with the Environmental Protection Agency, and circulated for government agency and public comment. These comments are incorporated into study documents used as an aid in decision making.

Mission Degradation: Realignment actions, by their very nature, result in turbulence both in personnel and in mission output. The degree of turbulence is a consideration if the resulting mission degradation is of such a proportion as to be significant. Certain activities cannot be allowed to "stand down" and, as a result realignments of these activities require in being capability at the new location. Also, work force composition is a consideration in that a highly specialized or unique work force of civilians may not facilitate relocation. These factors should be considered in evaluating realignment actions.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

Base programming is dynamic and subject to many variables and revisions. Changes occur in response to altered assessments of the existing threat, force level and composition changes, revised deployment concepts and policies, the continuing impact of resource management efforts, and national political adjustments. Each change reverberates through the force and causes additional base adjustments in training and logistical support areas. Any attempt to define the base structure can proceed only with an understanding that the structure may be defined solely within the context of existing circumstances. A substantial change in these circumstances, e.g., a decision to reduce overseas forces, will require adjustments in the existing base structure. Timing of the introduction or expansion of a weapon system also influences base selection, as do changes in force size and deployment concepts. Base requirements for USAF weapon and support systems vary greatly due to differing weapon characteristics and operational support, and training requirements.

The attainment and maintenance of an operational posture which will insure national security and the support of international commitments has been and remains the prime objective of Air Force deployments. The development and utilization of bases which optimize weapon employment and combat support capabilities, provide for training requirements, enable related test and development activities, and provide for adequate personnel, logistical and communications support represent corollary goals. A further objective of considerable emphasis within the USAF is the attainment of maximum economies in the base support area, thereby enabling a greater proportion of the defense dollar to be expended for direct combat capability.

Since each mission category has its own unique operational and training requirements which dictate the Air Force base structure, they will be discussed separately. The specific bases falling into each mission category, generally referred to as the Installation Defense Planning and Programming Category (IDPPC) are listed in Section IV.

#### STRATEGIC FORCES (100)

##### - Basing Requirements

In the basing of strategic offensive forces, careful consideration is given to geographic locations which maximize the survivability of the force. For example, ICBM's require a sufficient area for adequate dispersal of launch sites. If submarine launch missiles are postulated to be the most critical threat against bombers and tankers, inland bases provide the greatest survivability due to the longer flight time of the missiles. However, this does not imply only inland bases should be considered for strategic offensive forces. Consideration of

factors such as the inability of the runway complex to support strategic operations, lack of needed large maintenance facilities to house strategic bombers and tankers, poor quantity and quality of personnel support facilities, and lack of munitions storage capability may negate the use of an existing inland base for a strategic force main operating base and dictate continual use of coastal bases where these facilities are available. In this case, survivability can be achieved through reposturing and dispersal to achieve the time needed to safely launch the force.

Other operational requirements such as targeting, ranging, and mating must be considered when determining force beddown locations. Lateral support supplied to other commands, e.g., tactical aircraft contingency and overseas deployment refueling requirements, is also a necessary consideration. In addition, the availability of a small portion of overseas bases is desirable to optimize strategic operational effectiveness.

For strategic defensive systems, factors such as enemy weapon system performance, likely targets, and routes of attack are considered in basing decisions. Related to these, there must be an assessment of warning time available, speed of reaction, and the probable time to intercept, identify, and destroy the enemy vehicle. After consideration of all factors involved, a determination is made of the most effective deployment areas. Generally, this analysis will dictate a peripheral coverage of the Continental United States.

- Announced Major Force Structure Changes and Their Impact on Base Structure

During FY 80, the USAF intends to upgrade its Sealaunched Ballistic Missile Warning capabilities with the activation of Pave Paws sites at Otis AFB, MA, and Beale AFB, CA. The USAF will inactivate obsolete systems (FSS7) at Mill Valley, CA, Mt Laguna, CA, Mt Hebo, OR, and Charleston ME in FY 80.

The implementation of the Joint Surveillance System Sensor Program was announced in 1978. During FY 80/81, this involves the phasing out of some Air Force radars and the transfer of other radars to the FAA for joint use (FAA/USAF) operations. To maintain peacetime surveillance and control of U.S. airspace, the Air Force will rely on surveillance data from the combination of 36 joint use radars and 10 military only radars.

## GENERAL PURPOSE FORCES (200)

### - Basing Requirements

The operational and training requirements for the general purpose forces are also unique. Accessibility of weapons ranges (air-to-air and air-to-ground) and supersonic airspace for certain types of mission; plus sufficient airspace to allow for extensive operational training flight maneuvers, such as formation flying, are essential to tactical fighter aircraft. The maximum possible "good weather" days to facilitate operational flight training under visual conditions are necessary. Training facility requirements in the CONUS are extensive due to mission and equipment complexities and the requirement to provide individual training for both CONUS and overseas tactical forces. For tactical reconnaissance missions, peacetime tasks (e.g., training support of other forces) are considered in defining base locations. Airlift forces should be located adjacent to transportation and supply terminals to the maximum extent possible. East and west coast terminals within the CONUS are essential to maximize transoceanic payload capabilities. A consideration of tactical airlift basing is to locate some tactical airlift forces with or in proximity to Army airborne units to enable their efficient support. Proximity to assault landing strips and drop zones is also essential for training of tactical airlift forces. For Air Reserve Force basing, an area which can provide an adequate recruitment base is also considered in the determination of the location.

General purpose forces overseas are based according to strategic, tactical, and security policy considerations in addition to customary CONUS basing criteria. Each base must be capable of efficient peacetime operation as well as accommodation of the mission requirements it must support in a combat or contingency situation. Each type of mission has its own particular basing requirements according to current strategies and contingency plans, and the need for combat dispersal must be considered as well. The overseas base structure must be capable of responding to changing tactical and strategic situations, and a certain degree of flexibility and standby base expansion capability must be maintained. The high dependence of the overseas base structure on the cooperation of host governments requires continued awareness of basing requirements in the context of overall international security policy.

### - Announced Major Structure Changes and Their Impact on Base Structure

The continuing acquisition of F-15 and A-10 aircraft coupled with the introduction of the F-16 will enable the USAF to continue modernization of the tactical fighter force during FY 80 and FY 81. During FY 80, George AFB, CA will complete the conversion from F-105Gs to F-4Gs. MacDill AFB, FL will begin converting to F-16s. Kadena AB, Japan will complete conversion from F-4s to F-15s. In FY 80, RAF Bentwaters/Woodbridge, UK will complete conversion to A-10s, 108 aircraft total. The FY 81 conversion program includes England AFB, LA converting from A-7s to A-10s; Nellis AFB, NV converting from F-4s to F-16s. During FY 80, the following assets will modernize the Air Reserve Forces: McConnell AFB, KS (ANG) will convert from F-105D/Fs to F-4Ds and continue training for the total force. Hickam AFB, HI (ANG) will increase from 18 to 24 F-4s. The beddown of E-3As at Tinker AFB, OK will continue through FY 80. Barksdale AFB, LA will begin receiving KC-10A tanker/cargo aircraft in FY 81.

#### AUXILIARY FORCES (300)

##### - Basing Requirements

The Air Force Systems Command (AFSC) is responsible for the research, development, production, and procurement actions required to acquire complete aerospace weapons and support systems needed to accomplish the Air Force mission. The command delivers complete, timely, and operable systems to using commands such as Strategic Air Command, Tactical Air Command, and Military Airlift Command. To accomplish its mission, AFSC requires extensive complexes of test facilities for aircraft, missiles, and associated hardware, to include runways, large areas of restricted airspace, numerous range and tracking facilities, and access to environmental testing facilities. Facilities for the administration of test programs and the correlation of basic and applied research during weapons development are also required.

The mission of Air Force Communications Command (AFCC) is to provide Air Force and Department of Defense service in communications, electronic and engineering installation, and air traffic control. For this tasking, the AFCC requires facilities which permit ready access and interconnection with related commercial facilities. Other locations in relatively remote areas act as communications links and as intelligence gathering sites.

##### - Announced Major Force Changes and Their Impact on Base Structure

There are no major force changes.

## MISSION SUPPORT FORCES (400)

### - Basing Requirements

Extensive administrative facilities are required to enable administrative functions to properly manage Air Force equipment and personnel. Other locations are required by medium range aircraft to be used as refueling stops on transoceanic flights. These installations require runways of sufficient length and weight bearing capacities to support the transient aircraft and must have adequate housing available for transient personnel.

### - Announced Major Force changes and Their Impact on Base Structure

There are no major force changes.

## CENTRAL SUPPORT FORCES (500)

### - Basing Requirements

Air Force Logistics Command (AFLC) is to provide responsive, effective, and economical logistics support to meet the wide variety of missions assigned to the United States Air Force. To accomplish these tasks effectively, supply installations must be adjacent to transportation network terminals and facilities to enable rapid support. Extensive warehousing and open storage areas plus facilities for automated requisitioning, procurement, and associated data storage activities are essential.

Air Training Command requires the availability of extensive classroom, library, and study facilities. Secure training facilities are required where a principal mission is security training. Extensive medical facilities are required at bases where a primary function is medical support.

The location of flying activities within areas of favorable flying weather and adjacent to unrestricted areas of airspace is essential for undergraduate pilot training (UPT) bases. Three parallel runways are also required at main training bases, with auxiliary fields within a short distance from the main base.

### - Announced Major Force Changes and Their Impact on Base Structure

At Goodfellow AB, TX, the Air Force is completing studies on a proposal to close Goodfellow and consolidate DOD cryptologic training at Keesler AFB, MS and Corry Station, FL (Navy). A decision is expected during FY 80.

INDIVIDUAL (600)

The Air Force has no major installations falling into this IDPPC.



#### IV. BASE OPERATIONS COSTS FOR FY 81

A summary of the estimated FY 1981 cost (\$ million) for Air Force Base Operating Support follows.

Base operations costs identified in this section are not limited to those major installations described in Section VI, but include all Air Force property included in the real property inventory.

Base operating costs as defined here include military family housing and military construction costs as well as the recurring operating costs such as utilities, facilities maintenance, and other support activities. Users are cautioned that military family housing and military construction costs vary among bases for different reasons than do the recurring costs included here. Therefore, base operations costs, defined as these are, would not be suitable for comparisons among bases.

TABLE XII

MAJOR DEFENSE PROGRAMS

FY 81

## USAF BASE OPERATIONS COST (\$ MILLIONS)

	Fifty States	U.S. Territories & Possessions	Foreign Overseas Areas	Total
Major Defense Programs				
Strategic (01)	998	18	7	1,023
General Purposes (02)	381	16	823	1,220
Intell & Comm (03)	26	-	71	96
Air/Sealift (04)	361	-	11	373
Guard & Reserve (05)	250	2	-	251
Research & Develop (06)	328	-	-	328
Cent Supply & Maint. (07)	482	-	-	482
Trng, Med & Other Pers (08)	916	12	233	1,162
Admin & Assoc. (09)	187	-	2	189
Spt of Other Nations (10)	-	-	-	-
TOTAL AF	3,929	48	1,147	5,124

Program 8 includes military family housing costs.

All Air Force military construction costs are included.

## V ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Air Force is continually making efforts to reduce BOS costs at USAF installations worldwide. On March 29, 1979, the Secretary of the Air Force announced these major decisions:

- (1) Inactivate Aerospace Defense Command and transfer its resources to other major commands.
- (2) Close Goodfellow AFB, TX, and reduce Loring AFB, ME, Rickenbacker AFB, OH and Kingsley Field, OR.
- (3) Study the proposed withdrawal of active Forces from Duluth International Airport, MN and Hancock Field, NY.

Aerospace Defense Command is being inactivated and Rickenbacker AFB and Kingsley Field are being reduced. Overall, these actions will result in an estimated avoidance of 2,000 military, and 800 civilian authorizations and \$27.1 million annual expenditures,

Studies are continuing on the closure of Goodfellow AFB, Duluth International Airport and Hancock Field. The closure of these installations would result in a personnel avoidance of 1,360 military, 730 civilian authorizations and \$43.1 million annual expenditures.

The reduction at Loring AFB was cancelled by a 31 Oct 79 Department of Defense announcement. This determination was made on the basis of the continuing assessment of evolving strategic requirements and the need to assure maximum basing flexibility in the 1980s.

In addition to closure and reductions, other alternatives exist for reducing BOS costs. The introduction of new weapons systems such as the A-10 results in a manpower reduction when compared to a similar number of older aircraft. This is because the newer aircraft are more maintenance efficient.

The contracting of certain functions, when cost effective can reduce BOS, as may increased productivity, technical advancements, and management initiatives. In FY79, the Air Force announced studies for converting additional jobs to civilian contracts at various bases. These conversions involved 1,600 military and 4,000 civilian positions and, if implemented, could reduce costs by an estimated \$9.5 million annually.

The Air Force is continually searching for means to reduce BOS costs without degrading mission effectiveness.

SECTION VI

AIR FORCE BASE STRUCTURE

TABLE XIII

## SUMMARY OF NUMBER OF AIR FORCE INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	Fifty States	U.S. Territories and Possessions	Foreign Areas	Total
STRATEGIC (101)	125	1		126
GUARD AND RESERVE (105)	10			10
RESEARCH AND DEVELOPMENT (106)	9	6		15
GENERAL PURPOSE (202)	50	1	34	85
AIRLIFT/SEALIFT FORCES (204)	18		4	22
GUARD AND RESERVE (205)	115	1		116
INTELLIGENCE AND COMMUNICATIONS (303)	5		3	8
RESEARCH AND DEVELOPMENT (306)	31			31
CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)	3			3
STRATEGIC (401)	1			1
GENERAL PURPOSE (402)	5		5	10
CENTRAL SUPPLY AND MAINTENANCE (507)	38		1	39
TRAINING, MEDICAL AND OTHER PERSONNEL (508)	32			32
ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)	2			2
TOTAL AIR FORCE	444	9	47	500

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 STRATEGIC FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
STRATEGIC (101)									
ALABAMA									
DAUPHIN ISLAND AFS	CODIN	x	x	x	16	75	2	128	678 AIR DEFENSE GP
ALASKA									
ELMENDORF AFB	ANCHORAGE	6163	1564	7727	8041	2	13128	14	21 COMPOSITE WING
FORT GREELY AIR FORCE RANGE, AK	DELTA JUNCTION	x	x	x	x	x	x	x	RANGE
GALENA AIRPORT, AK	GALENA	312	13	325	335	31	173	65	FORWARD FIGHTER BASE
KING SALMON AIRPORT, AK	NAKNEK	369	15	384	425	30	85	83	FORWARD FIGHTER BASE
ANCHORAGE TAP ADMIN ANNEX, AK	ANCHORAGE	4	x	4	4	87	285	58	GENERAL SUPPORT ANNEX
CLEAR MISSILE EARLY WARNING ST	ANDERSON	122	67	189	450	29	34638	3	ELECTRONICS SITE
COLD BAY AIR FORCE STATION	COLD BAY	17	x	17	89	63	198	62	ELECTRONICS SITE
MURPHY DOME AIR FORCE STATION	COLLEGE	66	x	66	152	35	1136	44	ELECTRONICS SITE
BARTER ISLAND DEW STATION	FAIRBANKS	2	x	2	61	69	4353	27	ELECTRONICS SITE
LONELY DEW STATION	FAIRBANKS	x	x	x	11	80	2830	35	ELECTRONICS SITE
OLITKOTK DEW STATION	FAIRBANKS	x	x	x	11	80	2325	39	ELECTRONICS SITE
POINT BARROW DEW STATION	FAIRBANKS	1	x	1	16	75	268	59	ELECTRONICS SITE
POINT LAY DEW STATION	FAIRBANKS	x	x	x	11	80	1442	40	ELECTRONICS SITE
WAINWRIGHT DEW STATION	FAIRBANKS	x	x	x	11	80	1185	41	ELECTRONICS SITE
FORT YUKON AIR FORCE STATION	FORT YUKON	28	x	28	99	58	328	54	ELECTRONICS SITE
CAMPION AIR FORCE STATION	GALENA BAY	33	x	33	107	53	2395	37	ELECTRONICS SITE
CAPE ROMANZOF AF STATION	HOOPER BAY	15	x	15	91	61	4900	24	ELECTRONICS SITE
INDIAN MTN AIR FORCE STATION	HUGHES	28	x	28	131	38	4226	28	ELECTRONICS SITE
INDIAN MTN RESEARCH SITE, AK	HUGHES	x	x	x	x	x	447	52	R&D ACTIVITIES
SPARREVOHN AIR FORCE STATION	ILLIAMNA	28	x	28	129	39	1179	42	ELECTRONICS SITE
KOTZEBUE AIR FORCE STATION	KOTZEBUE	17	x	17	87	66	596	50	ELECTRONICS SITE
TATALINA AIR FORCE STATION	MCGRATH	28	x	28	111	51	4970	23	ELECTRONICS SITE
EIELSON AFB	NORTH POLE	2625	345	2970	3030	24	19798	13	6 STRATEGIC WING
BLAIR LAKE WRG, AK	FAIRBANKS	x	x	x	x	x	33964	4	RANGE
CAPE NEWENHAM AF STATION	PLATINUM	15	x	15	91	61	2359	38	ELECTRONICS SITE
CAPE LISBURNE AF STATION	POINT HOPE	15	x	15	89	63	1125	45	ELECTRONICS SITE
TIN CITY AIR FORCE STATION	WALES	15	x	15	89	63	754	46	ELECTRONICS SITE
ARKANSAS									
BLYTHEVILLE AFB	BLYTHEVILLE	2596	362	2958	3006	25	3736	30	97 BOMBARDMENT WING

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	AFTA Total Pers.	Rank	Land Acres	Rank	Major Unit-Activity-Function
CALIFORNIA									
KRAMER RADAR ANNEX	BORON	75	21	96	104	x	160	67	ELECTRONICS SITE
CAMBRIA AFS	CAMBRIA	21	4	25	25	54	46	96	775 RADAR SQUADRON
SAN PEDRO HILLS AFS	LOS ANGELES	4077	563	4640	4726	15	31	99	ELECTRONICS SITE
BEALE AFB	MARYSVILLE	5562	439	6001	6730	7	23252	12	9 STRATEGIC RECON WING
CASTLE AFB	MERCED	144	26	170	170	33	106	32	93 BOMBARDMENT WING
MILL VALLEY AFS	MILL VALLEY	134	26	160	160	34	12875	76	666 RADAR SQUADRON
MT LAGUNA AFS	MT LAGUNA	x	x	x	111	51	46	96	777 RADAR SQUADRON
MT LAGUNA COMM ANNEX, CA	REQUA	x	x	x	111	51	46	96	777 RADAR SQUADRON
KLAMATH AFS	REQUA	x	x	x	111	51	46	96	777 RADAR SQUADRON
KLAMATH COMM ANNEX, CA	SUNNYMEAD	4073	918	4991	6132	8	8631	17	22 BOMBARDMENT WING
MARCH AFB	PERRIS	x	x	x	x	x	160	67	COMMUNICATIONS
MARCH COMM ANNEX, CA	TWIN CREEK	91	20	111	111	51	94	62	682 RADAR SQUADRON
ALMADEN AFS	TWIN CREEK	x	x	x	x	x	26	103	COMMUNICATIONS
ALMADEN COMM ANNEX									
COLORADO									
LAMAR COMMUNICATIONS FAC ANNEX	LAMAR	12	x	12	12	77	95	81	ELECTRONICS SITE
FLORIDA									
JACKSONVILLE AFS	ORANGE PARK	59	2	61	61	69	2	128	679 RADAR SQUADRON
TYNDALL AFB	PANAMA CITY	x	x	x	x	x	28948	7	AIR DEFENSE WEAPONS CENTER
RICHMOND AFS	PERRINE	x	x	x	x	x	141	69	644 RADAR SQUADRON
GEORGIA									
SAVANNAH AFS	SAVANNAH	x	x	x	x	x	20	109	702 RADAR SQUADRON
INDIANA									
GRISCOM AFB	BUNKER HILL	2242	670	2912	4198	18	3013	33	305 AIR REFUELING WING
KANSAS									
MCCONNELL AFB	WICHITA	3383	768	4151	4904	14	41559	2	381 STRATEGIC MISSILE WING
LOUISIANA									
BARKSDALE AFB	BOSSIER CITY	5374	1004	6378	7128	4	73425	1	2 BOMBARDMENT WING
LAKE CHARLES AIR FORCE STATION	LAKE CHARLES	7	x	7	23	72	4	126	ELECTRONICS SITE
SLIDELL RADAR SITE	SLIDELL	7	x	7	7	85	1	131	ELECTRONICS SITE

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## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 STRATEGIC FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
<b>MAINE</b>									
CASWELL AFS	CASWELL	69	19	88	88	65	55	89	766 RADAR SQUADRON
CHARLESTON AFS	CHARLESTON	112	19	131	131	38	82	84	14 MISSILE WARNING SQ
LORING AFB	LIMESTONE	3418	620	4038	4066	21	11244	16	42 BOMBARDMENT WING
<b>MASSACHUSETTS</b>									
NORTH TRURO AIR FORCE STATION	NORTH TRURO	86	29	115	115	46	134	71	ELECTRONICS SITE (RADAR)
NORTH TRURO COMM ANNEX, MA	NORTH TRURO	x	x	x	x	x	97	80	COMMUNICATIONS
<b>MICHIGAN</b>									
CALUMET AFS	CENTRAL	97	26	123	123	41	103	78	665 RADAR SQUADRON
K. I. SAWYER AFB	GWINN	3701	423	4124	4167	20	5278	21	410 BOMBARDMENT WING
WURTSMITH AFB	OSCODA	2736	390	3126	3194	23	5204	22	379 BOMBARDMENT WING
PORT AUSTIN AIR FORCE STATION	PORT AUSTIN	96	27	123	123	41	54	90	ELECTRONICS SITE
PORT AUSTIN COMM ANNEX, MI	PORT AUSTIN	x	x	x	x	x	6	122	COMMUNICATIONS
SAULT STE MARIE AIR FORCE STA	SAULT STE MARIE	95	x	95	95	59	44	97	ELECTRONICS SITE
SAULT STE MARIE COMM FAC ANNEX, MI	SAULT STE MARIE	x	x	x	x	x	27	102	ELECTRONICS SITE
<b>MINNESOTA</b>									
BAUDETTE AFS	BAUDETTE	95	28	123	123	41	68	86	692 RADAR SQUADRON
BAUDETTE COMM ANNEX, MN	BAUDETTE	x	x	x	x	x	11	116	COMMUNICATIONS
DULUTH IAP	DULUTH	1130	368	1498	1542	27	933	47	23 AIR DEFENSE DIV
FINLAND AFS	FINLAND	92	21	113	113	49	128	72	756 RADAR SQUADRON
<b>MISSOURI</b>									
WHITEMAN AFB	KNOB NOSTER	3129	424	3553	3666	22	24886	9	351 STRATEGIC MISSILE WING
<b>MONTANA</b>									
GREAT FALLS COMM FACILITY SITE	GREAT FALLS	2	x	2	2	90	17	112	ELECTRONICS SITE
MALMSTROM AFB	GREAT FALLS	4374	530	4904	5028	13	29650	6	341 STRATEGIC MISSILE WING
HAVRE AFS	HAVRE	x	9	9	9	83	110	75	778 RADAR SQUADRON
HAVRE COMM ANNEX, MT	HAVRE	x	x	x	x	x	14	114	COMMUNICATIONS
KALISPELL AFS	KALISPELL	12	12	24	24	71	219	61	24 AIR DEFENSE SQUADRON
OPHEIM AFS	OPHEIM	x	9	9	9	83	50	93	779 RADAR SQUADRON
OPHEIM COMM ANNEX, MT	OPHEIM	x	x	x	x	x	10	117	COMMUNICATIONS

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## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 STRATEGIC FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
NEBRASKA									
OFFUTT AFB	BELLEVUE	11766	1785	13551	13992	1	4060	29	55 STRATEGIC RECON WING
OFFUTT COMM ANNEX 3, NE	HOOPER	x	x	x	x	x	110	75	COMMUNICATIONS
OFFUTT COMM ANNEX 2, NE	ELKHORN	x	x	x	x	x	372	53	COMMUNICATIONS
NEW HAMPSHIRE									
NH SATELLITE TRACKING ANNEX	MT VERNON	31	66	97	119	44	2873	34	ELECTRONICS SITE
PEASE AFB	NEWINGTON	3273	685	3958	4708	16	4378	26	509 BOMBARDMENT WING
NEW JERSEY									
GIBBSBORO AIR FORCE STATION	GIBBSBORO	74	12	86	86	67	23	104	ELECTRONICS SITE
PALERMO COMM FACILITY	PALERMO	x	x	x	x	x	21	107	ELECTRONICS SITE
NEW MEXICO									
CLOUDCROFT SATELLITE TRACKING	CLOUDCROFT	x	x	x	x	x	2406	36	SATELLITE TRACKING
SILVER CITY RADAR SITE	GLENWOOD	x	x	x	x	x	1	131	ELECTRONICS SITE
NEW YORK									
MONTAUK AFS	MONTAUK	92	30	122	122	43	312	55	773 RADAR SQUADRON
PLATTSBURGH AFB	PLATTSBURGH	3743	417	4160	4313	17	4819	25	380 BOMBARDMENT WING
PLATTSBURGH TRAINING ANNEX, NY	PLATTSBURGH	x	x	x	x	x	20	109	TRAINING SITE
PLATTSBURGH COMM ANNEX, NY	PLATTSBURGH	x	x	x	x	x	40	98	COMMUNICATIONS
GRIFFISS AFB	ROME	3695	2927	6622	6911	5	5839	20	416 BOMBARDMENT WING
VERONA TEST ANNEX, NY	VERONA	x	16	16	16	75	514	51	TEST SITE
GRIFFISS COMM ANNEX, NY	ROME	x	x	x	x	x	4	126	COMMUNICATIONS
QUAKER HILL TEST ANNEX, NY	WESTERN	x	x	x	x	x	7	119	R&D ACTIVITIES
AVA TEST ANNEX, NY	AVA	x	2	2	2	90	297	56	TEST SITE
STOCKBRIDGE TEST ANNEX, NY	MERRILLSVILLE	x	2	2	2	90	295	57	TEST SITE
FORD PORT TEST ANNEX, NY	FORD PORT	x	x	x	x	x	183	64	R&D ACTIVITIES
FLOYD TEST ANNEX, NY	FLOYD	x	x	x	x	x	51	91	TEST SITE
TUMMONDS HILL TEST ANNEX, NY	ONTARIO	x	x	x	x	x	2	128	R&D ACTIVITIES
SARATOGA AFS	SARATOGA SPGS	x	3	3	3	88	50	93	ELECTRONICS SITE (1)
HANCOCK FIELD	SYRACUSE	873	474	1347	2072	26	1138	43	21 AIR DEFENSE SAGE DIVISION
WATERTOWN AFS	WATERTOWN	93	21	114	114	48	661	49	655 RADAR SQUADRON
WATERTOWN COMM ANNEX	WATERTOWN	x	x	x	x	x	8	118	COMMUNICATIONS

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 STRATEGIC FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
NORTH CAROLINA FORT FISHER AIR FORCE STATION FORT FISHER COMM ANNEX, NC	KURE BEACH KURE BEACH	146	27	173	177	32	101 141	79 69	ELECTRONICS SITE (RADAR) COMMUNICATIONS
NORTH DAKOTA GRAND FORKS AFB FINLEY AFS FINLEY COMM ANNEX, ND FORTUNA AFS FORTUNA COMM ANNEX, ND MINOT AFB J. MOSES VA MEM HOSPITAL, ND	EMERADO FINLEY FINLEY FORTUNA FORTUNA MINOT MINOT	5105 77 5 5413 5413	486 26 14 523 523	5591 103 19 5936 5936	5753 103 19 6072 6072	10 55 73 9 9	24017 57 11 125 15 24812 21	11 88 116 73 113 10 107	STRAT MSL WG & 319 BOMB WG RADAR SQUADRON COMMUNICATIONS RADAR SQUADRON COMMUNICATIONS STRAT MSL WG & 5 BOMB WG HEALTH CARE
OREGON MT HEBB AFS MT HEBB COMM ANNEX, OR KINGSLEY FIELD NORTH BEND AFS NORTH BEND COMM ANNEX, OR	HEBO HEBO KLAMATH FALLS NORTH BEND LAKESIDE	107 301 73	28 218 27	135 519 100	135 620 100	36 28 57	22 5 1087 50 18	105 124 46 93 111	689 RADAR SQUADRON COMM SQUADRON AIR DEFENSE RADAR SQUADRON COMMUNICATIONS
SOUTH CAROLINA NORTH CHARLESTON AFS NORTH CHARLESTON COMM ANNEX, SC	N. CHARLESTON N. CHARLESTON	88	14	102	102	56	67 30	87 100	792 RADAR SQUADRON COMMUNICATIONS
SOUTH DAKOTA ELLSWORTH AFB	BOX ELDER	6023	590	6613	6734	6	28503	8	44 STRAT MSL WG & 28 BOMB WG
TEXAS DYESS AFB DYESS COMM ANNEX, TX ODESSA RADAR SITE CARSWELL AFB	ABILENE TYE ANDREWS FORT WORTH	4886 4584	452 933	5338 5517	5453 7171	12 3	7114 3264	18 109 131 31	96 BOMBARDMENT WING COMMUNICATIONS ELECTRONICS SITE BOMBARDMENT WING
VERMONT ST ALBANS AFS ST ALBANS COMM ANNEX, VT	ST ALBANS ST ALBANS	135	5	5	5	86	135 6	70 122	764 RADAR SQUADRON COMMUNICATIONS

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 STRATEGIC FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
VIRGINIA CAPE CHARLES AFS CAPE CHARLES COMM ANNEX, VA	KIPTOPEKE KIPTOPEKE	90	25	115	115	46	193	63	771 RADAR SQUADRON 122 COMMUNICATIONS
WASHINGTON FAIRCHILD AFB FAIRCHILD COMM ANNEX, WA	AIRWAY HEIGHTS AIRWAY HEIGHTS	3870	837	4707	5655	11	5938	19	92 BOMBARDMENT WING 101 COMMUNICATIONS
MICA PEAK AFS	MICA	6	2	8	8	84	71	85	ELECTRONICS SITE
MAKAH AIR FORCE STATION	NEAH BAY	83	32	115	115	46	238	60	ELECTRONICS SITE (RADAR)
WYOMING FRANCIS E. WARREN AFB	CHEYENNE	3665	458	4123	4191	19	32789	5	90 STRATEGIC MISSILE WING
GUARD AND RESERVE (105) ALASKA KULIS ANG BASE	ANCHORAGE	7	178	185	804	7	101	8	AIR NATIONAL GUARD ACTIVITIES
CALIFORNIA FRESNO ANG BASE	FRESNO	11	308	319	1140	4	139	6	AIR NATIONAL GUARD ACTIVITIES
FLORIDA JACKSONVILLE IAP	CALLAHAN	2	311	313	1078	5	158	5	AIR NATIONAL GUARD ACTIVITIES
MAINE BANGOR INTERNATIONAL AIRPORT	BANGOR	2	242	244	943	6	379	4	AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS OTIS AFB	FALMOUTH	127	714	841	1664	2	3743	1	RESERVE COMPONENT TRAINING

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 STRATEGIC FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
NEW JERSEY ATLANTIC CITY AIRPORT	PLEASANTVILLE	3	295	298	316	9	119	7	AIR NATIONAL GUARD ACTIVITIES
NEW YORK SUFFOLK COUNTY AIRPORT	WESTHAMPTON BCH	2	185	187	734	8	70	9	AIR NATIONAL GUARD ACTIVITIES
OREGON PORTLAND IAP	PORTLAND	24	488	512	2754	1	394	3	RC ACT -
RHODE ISLAND QUONSET STATE AIRPORT	N KINGSTON	*	*	*	49	10	9	10	AIR NATIONAL GUARD ACTIVITIES
TEXAS ELLINGTON ANG BASE	HOUSTON	9	436	445	1357	3	2281	2	AIR NATIONAL GUARD ACTIVITIES
RESEARCH AND DEVELOPMENT (106)									
CALIFORNIA VANDENBERG AFB	LOMPOC	4190	1482	5672	7687	1	98839	1	SPACE & MISSILE TEST CENTER
SO POINT AIR FORCE STATION, HI	NAALEHU	*	*	*	*	*	1400	5	RANGE
ENIWEATOK ATOLL AAF, TO	TTPI	*	*	*	*	*	200	6	RANGE
CANTON IS AAF, EQ	CANARY IS	*	*	*	50	2	1700	4	RANGE
BIRNIE IS TRACKING ANNEX, GN	GILBERT IS	*	*	*	*	*	138	7	RANGE
HULL IS TRACKING ANNEX, GN	GILBERT IS	*	*	*	*	*	4580	2	RANGE
ENDERBURY IS TRACKING ANNEX, EQ	CANARY IS	*	*	*	*	*	1700	4	RANGE
NEW YORK LOCKPORT AFS	LOCKPORT	5	12	17	17	3	80	8	763 RADAR SQUADRON
LOCKPORT COMM ANNEX, NY	LOCKPORT	*	*	*	*	*	8	9	COMMUNICATIONS

UNCLASSIFIED

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
STRATEGIC FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
STRATEGIC (101)									
ANDERSEN AIR FORCE BASE	AGANA, GUAM	GUAM 3606	668	4274	4374	1	11083	1	43 STRATEGIC WING

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1981

GENERAL PURPOSE (202)	Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
ARIZONA										
HOLBROOK RADAR BOMB SCORE SITE										
LUKE AFB		HOLBROOK	5969	1112	7081	7639	4	4198	8	37 BOMB SCORING SITE
GILA BEND AAF, AZ		LITCHFIELD PARK	315	72	387	410	18	1886	19	58 TACTICAL TRAINING WING
LUKE O1 AAF, AZ		GILA BEND							28	AUXILIARY TRAINING FIELD
LUKE WRG, AZ		WITTMAN						1109	31	AUXILIARY FIELD
DAVIS MONTHAN AFB		GILA BEND				230	21	2673467	2	RANGE
		TUCSON	4837	1318	6155	6365	7	10763	10	355 TACTICAL FIGHTER WING
CALIFORNIA										
GEORGE AFB		ADELANTO	4876	459	5335	5580	11	5347	16	35 TACTICAL FIGHTER WING
CUDEBACK LAKE WRG, CA		JOHANNESBURG						7584	12	RANGE
COLORADO										
LA JUNTA RADAR BOMB SCORE SITE		LA JUNTA	76	1	77	77	24	6	39	BOMB SCORING SITE
FLORIDA										
HOMESTEAD AFB		HOMESTEAD	6749	1315	8064	9536	2	3346	23	31 TACTICAL FIGHTER WING
HOMESTEAD COMM ANNEX, FL		HOMESTEAD						20	35	COMMUNICATIONS
HOMESTEAD TNG ANNEX, FL		HOMESTEAD						3	43	TRAINING SITE
MACDILL AFB		TAMPA	5565	839	6404	6834	6	5768	14	56 TACTICAL FIGHTER WING
AVON PARK WRG, FL		AVON PARK	170	92	262	270	20	101029	4	RANGE
AVON PARK AAF, FL		AVON PARK						5161	17	AUXILIARY FIELD
GEORGIA										
STATESBORO BOMB SCORING SITE		STATESBORO	58	1	59	59	28	80	32	BOMB SCORING SITE
MOODY AFB		VALDOSTA	2776	465	3241	3422	15	5563	15	347 TACTICAL FIGHTER WING
HAWAII										
WHEELER AFB		WAIHANA (APOSF)	1491	530	2021	2155	17	1389	30	22 TACTICAL AIR SUPPORT SQD

## UNCLASSIFIED

 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
<b>IDAHO</b>									
MOUNTAIN HOME AFB	MOUNTAIN HOME	4111	471	4582	4736	12	6701	13	366 TACTICAL FIGHTER WING
SAYLOR CREEK WRG, ID	BRUNEAU	x	x	x	x	x	111414	3	RANGE
WILDER RADAR BOMB SCORING SITE	WILDER	48	x	48	48	29	5	41	BOMB SCORING SITE
<b>KENTUCKY</b>									
RICHMOND BOMB SCORING SITE	RICHMOND	73	1	74	74	27	2	45	BOMB SCORING SITE
<b>LOUISIANA</b>									
ENGLAND AFB	ALEXANDRIA	2957	453	3410	3488	14	2409	26	23 TACTICAL FIGHTER WING
CLAIBORNE WRG, LA	FOREST HILL	x	x	x	x	x	25972	7	RANGE
<b>MAINE</b>									
L BLOTNER BOMB SCORING SITE	CARIBOU	x	x	x	x	x	31	33	BOMB SCORING SITE
<b>MICHIGAN</b>									
BAYSHORE BOMB SCORING SITE	BAYSHORE	75	1	76	76	25	4	42	BOMB SCORING SITE
<b>NEBRASKA</b>									
HASTINGS BOMB SCORING SITE	HASTINGS	70	5	75	75	26	11	36	BOMB SCORING SITE
<b>NEVADA</b>									
HAWTHORNE BOMB SCORING SITE	BABBITT	90	1	91	91	22	2	45	BOMB SCORING SITE
NELLIS AFB	LAS VEGAS	7221	1067	8288	8761	3	11271	9	474 TFW WEAPONS CTR
NELLIS COMM ANNEX, NV	LAS VEGAS	x	x	x	x	x	21	34	COMMUNICATIONS
NELLIS WRG, NV	INDIAN SPRINGS	x	x	x	x	x	3001907	1	RANGE
INDIAN SPRINGS AAF, NV	INDIAN SPRINGS	253	29	282	282	19	1692	29	AUXILIARY TRAINING FIELD
<b>NEW MEXICO</b>									
HOLLOMAN AFB	ALAMOGORDO	5461	1147	6608	7092	5	50694	5	49 TACTICAL FIGHTER WING
CANNON AFB	CLOVIS	4036	411	4447	4654	13	4475	18	27 TACTICAL FIGHTER WING
MELROSE WRG, NH	MELROSE	x	x	x	x	x	22087	8	RANGE

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GENERAL PURPOSE FORCES  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	AFTA Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
NEW YORK GREAT BEND BOMB SCORING SITE	GREAT BEND	43	1	44	44	30	5	41	BOMB SCORING SITE
NORTH CAROLINA SEYMOUR JOHNSON AFB DARE COUNTY WRG, NC	GOLDSBORO STUMPY POINT	4987	552	5539	5645	10	4145	20	4 TACTICAL FIGHTER WING 6 RANGE
NORTH DAKOTA BISMARCK BOMB SCORING SITE	BISMARCK	69	1	70	85	23	7	38	BOMB SCORING SITE
SOUTH CAROLINA MYRTLE BEACH AFB SHAW AFB POINSETT WRG, SC NORTH AAF, SC	MYRTLE BEACH SUMTER WEDGEFIELD NORTH	2733 5399	452 562	3185 5961	3286 6256	16	4023 3271	21	354 TACTICAL FIGHTER WING 24 363 TACTICAL RECON WING 11 RANGE 27 AUXILIARY FIELD
TEXAS BERGSTROM AFB	AUSTIN	4525	760	5285	6081	9	3904	22	67 TACTICAL RECON WING
VIRGINIA LANGLEY AFB	HAMPTON	9077	1561	10638	11126	1	3153	25	1 TACTICAL FIGHTER WG & HQ TAC
AIRLIFT/SEALIFT FORCES (204)									
ARKANSAS LITTLE ROCK AFB	JACKSONVILLE	5979	623	6602	9177	7	11276	2	314 TACTICAL AIRLIFT WING
CALIFORNIA TRAVIS AFB NORTON AFB NORTON COMM FAC ANNEX, CA	FAIRFIELD SAN BERNARDINO HIGHLAND	8995 5437	2404 2931	11399 8368	15185 12203	1	7822 2397	3	60 MILITARY AIRLIFT WING 11 63 MILITARY AIRLIFT WING 17 COMMUNICATIONS

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	AFTA Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
DELAWARE DOVER AFB PORT MAHON POL ANNEX, DE	DOVER NEWPORT	5203 *	1444 *	6647 *	8677 *	9 *	3682 5	9 5	436 MILITARY AIRLIFT WING 19 SUPPLY SITE
ILLINOIS SCOTT AFB	BELLVILLE	6694	3402	10096	10984	6	2940	10	375 AEROMEDICAL AIRLIFT WING
MARYLAND ANDREWS AFB GOVERNORS BRIDGE COMM STATION, MD	CAMP SPRINGS DAVIDSONVILLE BRANDYWINE	6290 *	3146 *	9436 *	11845 *	3 *	7601 1071	4 14	89 MILITARY AIRLIFT GROUP COMMUNICATIONS
MISSOURI ST LOUIS AFS	ST LOUIS	17	2	19	19	14	11	18	GENERAL SUPPORT SITE
NEW JERSEY MCGUIRE AFB	WRIGHTSTOWN	5089	2004	7093	11563	5	3869	8	438 MILITARY AIRLIFT GROUP
NEW MEXICO KIRTLAND AFB	ALBUQUERQUE	5809	4257	10066	11569	4	46388	1	1550 AIRCREW TRAINING TEST WG
NORTH CAROLINA POPE AFB	SPRINGLAKE	3606	321	3927	4121	12	1799	12	317 TACTICAL AIRLIFT WING
OKLAHOMA ALTUS AFB ALTUS TRAINING ANNEX, OK ALTUS COMM ANNEX RECEIVER, OK	ALTUS ELDORADO ALTUS	3564 *	615 *	4179 *	4648 *	11 *	4119 320 39	6 15 16	443 MILITARY AIRLIFT TNG WG TRAINING COMMUNICATIONS
SOUTH CAROLINA CHARLESTON AFB	CHARLESTON	4386	1385	5771	8300	10	3929	7	437 MILITARY AIRLIFT WING

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
WASHINGTON MCCHORD AFB	TACOMA	5267	1458	6725	8728	8	7176	5	62 MILITARY AIRLIFT WING
GUARD AND RESERVE (205)									
ALABAMA BIRMINGHAM MUNICIPAL AIRPORT HALL ANG STATION MARTIN ANG STATION DANNELLY FIELD	BIRMINGHAM DOTHAN GADSDEN MONTGOMERY	4 1 4 4	262 33 28 272	266 34 32 276	1178 169 188 1255	21 83 76 18	81 17 7 53	50 82 103 65	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
ARIZONA PHOENIX ANG STA SKY HARBOR IAP TUCSON INTERNATIONAL AIRPORT	PHOENIX PHOENIX TUCSON	* 10 6	25 220 418	25 230 424	25 923 1367	107 42 13	12 51 49	90 67 70	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
ARKANSAS FORT SMITH MUNICIPAL AIRPORT HOT SPRINGS MEMORIAL FIELD	FORT SMITH HOT SPRINGS	2 2	223 20	225 22	994 144	38 87	95 12	43 90	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
CALIFORNIA COMPTON ANG STATION HAYWARD MUNICIPAL AIRPORT NORTH HIGHLANDS FACILITY ONTARIO INTERNATIONAL AIRPORT VAN NUYS AIRPORT	COMPTON HAYWARD N SACRAMENTO ONTARIO VAN NUYS	2 6 4 2 7	17 210 31 142 332	19 216 35 144 339	141 1055 193 686 1634	92 35 75 65 11	1602 41 9 39 62	11 72 97 73 61	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
COLORADO BUCKLEY ANG BASE	AURORA	549	629	1178	2163	7	3262	5	AIR NATIONAL GUARD ACTIVITIES
CONNECTICUT ORANGE ANG COMMUNICATION STA BRADLEY INTERNATIONAL AIRPORT	NEW HAVEN WINDSOR LOCKS	1 2	33 203	34 205	169 873	83 50	30 158	77 27	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
DELAWARE GREATER WILMINGTON AIRPORT	NEWPORT	5	173	178	861	53	57	63	AIR NATIONAL GUARD ACTIVITIES
GEORGIA MCCOLLUM ANG STATION	KENNESAW	1	36	37	196	74	13	86	AIR NATIONAL GUARD ACTIVITIES
LEWIS B WILSON AIRPORT	MACON	2	*	2	153	85	15	84	AIR NATIONAL GUARD ACTIVITIES
DOBBS AFB	MARIETTA	172	897	1069	3058	3	2214	10	RC ACT - 94 TAW (AFR)
SAVANNAH ANG COMM STATION	SAVANNAH	2	54	56	313	69	12	90	AIR NATIONAL GUARD ACTIVITIES
SAVANNAH MUNICIPAL AIRPORT	SAVANNAH	2	177	179	876	49	231	23	AIR NATIONAL GUARD ACTIVITIES
MCKINNON AIRPORT COMM STA	ST SIMONS IS	*	18	18	140	93	6	106	AIR NATIONAL GUARD ACTIVITIES
HAWAII BARKING SANDS SUPPORT ANNEX	KEKAHA	1	9	10	46	104	2	114	AIR NATIONAL GUARD ACTIVITIES
KAALA AIR FORCE STATION	WAHIAWA	*	89	89	89	102	7	103	AIR NATIONAL GUARD ACTIVITIES
IDAHO BOISE AIR TERMINAL (GOWEN FLD)	BOISE	4	236	240	1100	28	457	15	AIR NATIONAL GUARD ACTIVITIES
ILLINOIS GREATER PEORIA AIRPORT	BARTONVILLE	1	162	163	693	64	27	78	AIR NATIONAL GUARD ACTIVITIES
CHICAGO-O'HARE IAP	CHICAGO	33	640	673	2555	4	391	16	RC ACT - 928 TAG (AFR)
CAPITAL MUNICIPAL AIRPORT	SPRINGFIELD	1	253	254	1153	22	70	57	AIR NATIONAL GUARD ACTIVITIES
INDIANA FT WAYNE MUNICIPAL AIRPORT	FORT WAYNE	4	254	258	1045	37	86	47	AIR NATIONAL GUARD ACTIVITIES
HULMAN FIELD	TERRE HAUTE	3	220	223	993	39	279	20	AIR NATIONAL GUARD ACTIVITIES
IOWA DES MOINES MUNICIPAL AIRPORT	DES MOINES	3	230	233	922	43	113	38	AIR NATIONAL GUARD ACTIVITIES
FORT DODGE FACILITY	FORT DODGE	1	20	21	141	91	8	99	AIR NATIONAL GUARD ACTIVITIES
ST LOUIS CITY MUNICIPAL AIRPORT	SERGEANT BLUFF	2	208	210	865	52	111	39	AIR NATIONAL GUARD ACTIVITIES
KANSAS FORBES AIRPORT	PAULINE	10	272	282	955	40	795	13	AIR NATIONAL GUARD ACTIVITIES
SNOKEY HILL ANG RANGE, KS	BROCKVILLE	20	*	20	35	105	33878	1	RANGE

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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
KENTUCKY STANDIFORD FIELD	LOUISVILLE	4	238	242	1118	24	65	59	AIR NATIONAL GUARD ACTIVITIES
LOUISIANA HAMMOND ANG COMM STATION JACKSON BARRACKS ANG STATION	HAMMOND NEW ORLEANS	2 3	18 236	20 239	175 332	80 68	14 4	85 109	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
MAINE SOUTH PORTLAND ANG STATION	SOUTH PORTLAND	4	30	34	249	73	12	90	AIR NATIONAL GUARD ACTIVITIES
MARYLAND GLENN L. MARTIN AIRPORT	BALTIMORE	4	300	304	1390	12	63	60	AIR NATIONAL GUARD ACTIVITIES
MASSACHUSETTS WESTOVER AFB WESTOVER COMM ANNEX, MA WELLESLEY ANG STATION BARNES MUNICIPAL AIRPORT WORCHESTER ANG STATION	CHICOPEE GRANBY WELLESLEY WESTFIELD WORCHESTER	99 * * 3 3	723 * 31 196 44	822 * 31 199 47	2365 * 187 849 280	5 * 77 55 72	3188 100 7 134 8	7 42 103 35 99	RC ACT - 439 TAW (AFR) COMMUNICATIONS AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
MICHIGAN PHELPS COLLINS AIRPORT SELFRIDGE ANG BASE W K KELLOGG REGIONAL AIRFIELD	ALPENA MT CLEMENS SPRINGFIELD	35 102 2	* 1347 138	35 1449 140	106 3928 665	99 2 66	3197 3749 89	6 4 46	AIR NATIONAL GUARD ACTIVITIES RC ACT - 191 FIG (ANG) AIR NATIONAL GUARD ACTIVITIES
MINNESOTA DULUTH ANG BASE MINNEAPOLIS-ST PAUL IAP	DULUTH MINNEAPOLIS	1 29	265 571	266 600	1119 2167	23 6	152 308	30 18	AIR NATIONAL GUARD ACTIVITIES RC ACT - 934 TAG (AFR)
MISSISSIPPI ALLEN C THOMPSON FIELD GULFPORT MAP ANG PERM TNG BASE KEY FIELD	FLOWOOD GULFPORT MERIDIAN	2 17 5	231 24 249	233 41 254	903 293 1262	46 71 17	84 211 74	48 25 55	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES

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AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area - Acres	Rank	Major Unit-Activity-Function
MISSOURI ROSECRANS MEMORIAL AIRPORT RICHARDS-GEBAUR AFB HARRISONVILLE TEST ANNEX, MO BELTON COMM STATION ANNEX, MO LAMBERT ST LOUIS IAP ANG JEFFERSON BARRACKS ANG STATION	ELWOOD GRANDVIEW BELTON BELTON ST ANN ST LOUIS	2 57 * * 3 1	180 302 * * 310 44	182 359 * * 313 45	802 1673 * * 1303 312	59 10 * * 16 70	91 2936 31 7 51 135	44 75 103 67 34	AIR NATIONAL GUARD ACTIVITIES 8 442 TACTICAL AIRLIFT WING (AFR) R&D ACTIVITIES COMMUNICATIONS AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
MONTANA GREAT FALLS IAP	GREAT FALLS	2	304	306	1077	31	139	33	AIR NATIONAL GUARD ACT VITIES
NEBRASKA LINCOLN MUNICIPAL AIRPORT	LINCOLN	5	238	243	1116	25	163	26	AIR NATIONAL GUARD ACTIVITIES
NEVADA RENO INTERNATIONAL AIRPORT	RENO	2	232	234	1080	30	123	37	AIR NATIONAL GUARD ACTIVITIES
NEW JERSEY WARREN GROVE WRG	WARREN GROVE	*	*	*	*	*	*	*	RANGE
NEW YORK NIAGARA FALLS IAP ROSLYN ANG STATION SCHENECTADY AIRPORT WESTCHESTER COUNTY MAP	NIAGARA FALLS ROSLYN SCHENECTADY WHITE PLAINS	26 5 1 18	650 46 184 146	676 51 185 164	2145 510 849 716	8 67 56 63	980 50 106 1	12 69 40 115	RC ACT - 914 TAG (AFR) AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
NORTH CAROLINA BADIN ANG STATION DOUGLAS MUNICIPAL AIRPORT WADESBOO ANG STATION	BADIN CHARLOTTE WADESBOO	2 8 *	19 189 *	21 197 *	142 934 *	90 41 *	6 49 4	106 70 109	AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES AIR NATIONAL GUARD ACTIVITIES
NORTH DAKOTA HECTOR FIELD	FARGO	6	276	282	1070	33	133	36	AIR NATIONAL GUARD ACTIVITIES

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 AIR FORCE BASE STRUCTURE  
 GENERAL PURPOSE FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
<b>OHIO</b>									
BLUE ASH ANG STATION	BLUE ASH	1	21	22	142	89	12	90	AIR NATIONAL GUARD ACTIVITIES
RICKENBACKER AFB	LOCKBOURNE	1813	1180	2993	5768	1	4346	3	301 AIR REFUELING WING
MANSFIELD	MANSFIELD	x	x	x	x	x	53	65	AIR NATIONAL GUARD ACTIVITIES
SPRINGFIELD MUNICIPAL AIRPORT	SPRINGFIELD	16	249	265	1072	32	82	49	AIR NATIONAL GUARD ACTIVITIES
TOLEDO EXPRESS AIRPORT	SHANTON	2	211	213	909	45	79	52	AIR NATIONAL GUARD ACTIVITIES
YOUNGSTOWN MUNICIPAL AIRPORT	VIENNA	4	293	297	915	44	232	22	RC ACT - 910 TFG (AFR)
ZANESVILLE ANG STATION	ZANESVILLE	2	10	12	107	98	30	77	AIR NATIONAL GUARD ACTIVITIES
<b>OKLAHOMA</b>									
WILL ROGERS WORLD AIRPORT	OKLAHOMA CITY	6	224	230	1112	26	71	56	AIR NATIONAL GUARD ACTIVITIES
TULSA INTERNATIONAL AIRPORT	TULSA	2	214	216	866	51	78	53	AIR NATIONAL GUARD ACTIVITIES
<b>PENNSYLVANIA</b>									
GREATER PITTSBURGH ANG BASE	CORANPOLIS	2	443	445	1759	9	90	45	AIR NATIONAL GUARD ACTIVITIES
GREATER PITTSBURGH IAP	CORANPOLIS	24	323	347	1207	19	346	17	RC ACTIVITIES (AFR)
HARRISBURG IAP OLMSTED FIELD	MIDDLETOWN	2	223	225	1066	34	35	74	AIR NATIONAL GUARD ACTIVITIES
PHILADELPHIA IAP COMM STA ANG	PHILADELPHIA	2	11	13	105	100	3	112	AIR NATIONAL GUARD ACTIVITIES
STATE COLLEGE ANG STATION	STATE COLLEGE	1	16	17	108	97	3	112	AIR NATIONAL GUARD ACTIVITIES
WYOMING VALLEY ANG CTR	WYOMING	1	x	1	1	110	2	114	AIR NATIONAL GUARD ACTIVITIES
<b>RHODE ISLAND</b>									
COVENTRY ANG STATION	COVENTRY	3	31	34	176	79	17	82	AIR NATIONAL GUARD ACTIVITIES
THEODORE F GREEN MAP	WARWICK	11	187	198	797	60	19	80	AIR NATIONAL GUARD ACTIVITIES
NO SMITHFIELD FACILITY, RI	SLATERSVILLE	1	34	35	182	78	10	95	AIR NATIONAL GUARD ACTIVITIES
<b>SOUTH CAROLINA</b>									
MCENTIRE ANG BASE	EASTOVER	4	272	276	1099	29	2394	9	AIR NATIONAL GUARD ACTIVITIES
<b>SOUTH DAKOTA</b>									
JOE FOSS FIELD	STOIX FALLS	1	213	214	878	48	145	31	AIR NATIONAL GUARD ACTIVITIES
<b>TENNESSEE</b>									
ALCOA ANG STATION	ALCOA	1	x	1	124	94	12	90	AIR NATIONAL GUARD ACTIVITIES
MCHEE TYSON AIRPORT	ALCOA	6	295	301	1205	20	287	19	AIR NATIONAL GUARD ACTIVITIES
LOVELL FIELD	CHATTANOOGA	2	x	2	102	101	10	95	AIR NATIONAL GUARD ACTIVITIES
NASHVILLE METROPOLITAN AIRPORT	NASHVILLE	5	234	239	1054	36	66	58	AIR NATIONAL GUARD ACTIVITIES

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AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
MEMPHIS INTERNATIONAL AIRPORT	OAKVILLE	3	173	176	806	58	226	24	AIR NATIONAL GUARD ACTIVITIES
TEXAS									
GARLAND ANG BASE	GARLAND	4	29	33	172	81	4	109	AIR NATIONAL GUARD ACTIVITIES
LA PORTE ANG STATION	LA PORTE	2	11	13	113	95	12	90	AIR NATIONAL GUARD ACTIVITIES
NEDERLAND ANG STATION	NEDERLAND	2	11	13	14	109	9	97	AIR NATIONAL GUARD ACTIVITIES
UTAH									
FRANCIS PEAK ANG STATION	FARMINGTON	*	20	20	20	108	20	79	AIR NATIONAL GUARD ACTIVITIES
SALT LAKE CITY IAP	SALT LAKE CITY	16	302	318	1307	15	75	54	AIR NATIONAL GUARD ACTIVITIES
VERMONT									
BURLINGTON IAP	SO BURLINGTON	2	216	218	791	61	521	14	AIR NATIONAL GUARD ACTIVITIES
VIRGINIA									
BYRD FIELD	SANDSTON	*	249	249	1102	27	143	32	AIR NATIONAL GUARD ACTIVITIES
WASHINGTON									
BELLINGHAM MAP	BELLINGHAM	2	21	23	143	88	4	109	AIR NATIONAL GUARD ACTIVITIES
FOUR LAKES COMM STATION	CHENEY	1	27	28	158	84	156	28	AIR NATIONAL GUARD ACTIVITIES
PAINE FIELD ANG STATION	EVERETT	1	11	12	112	96	15	84	AIR NATIONAL GUARD ACTIVITIES
SEATTLE COMM STATION	SEATTLE	2	17	19	146	86	8	99	AIR NATIONAL GUARD ACTIVITIES
SPOKANE INTERNATIONAL AIRPORT	SPOKANE	2	26	28	33	106	79	52	AIR NATIONAL GUARD ACTIVITIES
WEST VIRGINIA									
KANAWHA COUNTY AIRPORT	CHARLESTON	4	174	178	883	47	58	62	AIR NATIONAL GUARD ACTIVITIES
EASTERN WVA REGIONAL AIRPORT	MARTINSBURG	11	180	191	856	54	272	21	AIR NATIONAL GUARD ACTIVITIES
WISCONSIN									
VOLK FIELD ANG BASE	CAMP DOUGLAS	38	*	38	84	103	7629	2	AIR NATIONAL GUARD ACTIVITIES
TRUAX FIELD	MADISON	*	169	169	762	62	153	29	AIR NATIONAL GUARD ACTIVITIES
GEN BILLY MITCHELL FIELD	MILWAUKEE	14	545	559	1366	14	100	42	RC ACT - 440 TAW (AFR)

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AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil	AFTA Civ.	AFTA Tot.	AFTA Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
WYOMING CHEYENNE MAP ANG	CHEYENNE	1	185	186	842	57	46	71	AIR NATIONAL GUARD ACTIVITIES



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AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES TERRITORIES AND POSSESSIONS  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
WAKE ISLAND AIR FORCE BASE	WAKE ISLAND	6	*	6	242	1	2600	1	WEATHER-SUPPORT
GUARD AND RESERVE (205)									
PUERTO RICO IAP	SAN JUAN	2	260	262	936	1	25	1	AIR NATIONAL GUARD ACTIVITIES

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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GERMANY, FEDERAL REP OF									
BITBURG AIR BASE	BITBURG	3619	927	4546	4776	8	1083	19	36 TACTICAL FIGHTER WING
RAMSTEIN AIR BASE	LANDSTUHL	8196	2957	11153	11667	2	3032	6	86 TACTICAL FIGHTER WING
HAHN AIR BASE	LAUTZENHAUSEN	4452	696	5148	5385	4	1233	15	50 TACTICAL FIGHTER WING
SENBACH AIR BASE	SENBACH	2888	596	3484	3674	13	583	28	601 TACTICAL CONTROL WING
SPANGDAHEM AIR BASE	SPANGDAHEM	4043	547	4590	4740	9	1216	16	52 TACTICAL FIGHTER WING
ZWEIBRUCKEN AIR BASE	ZWEIBRUCKEN	1873	417	2290	2369	18	694	27	26 TACTICAL RECON. WING
GREECE									
IRAKLION AIR BASE	CRETE	751	87	838	1406	21	197	34	OPERATIONAL/TNG BASE
GREENLAND									
SONDERSTROM AIR BASE	HOLDSTEINBORG	94	2	96	751	25	462284	1	2004 COMMUNICATIONS SQ
ITALY									
AVIANO AIR BASE	PORDENONE	1720	436	2156	2199	19	961	22	40 TACTICAL GROUP
JAPAN									
KADENA AIR BASE	KOZA, OKINAWA	11233	2851	13884	14149	1	5788	3	18 TACTICAL FIGHTER WING
MISAWA AIR BASE	MISAWA	3366	725	4091	4158	11	3927	4	TACTICAL/PATROL AIRCRAFT

GENERAL PURPOSE (202)

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GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
KOREA, REPUBLIC OF									
KUNSAN AIR BASE	KUNSAN	3202	482	3684	3775	12	2243	9	8 TACTICAL FIGHTER WING
KWANG JU AIR BASE	KWANG JU	212	84	296	443	29	328	32	GENERAL SUPPORT ANNEX
OSAN AIR BASE	SONGTAN	4392	812	5204	5357	5	1539	12	51 COMPOSITE WING
TAEGU AIR BASE	TAEGU	518	125	643	764	24	228	33	497 TACTICAL FIGHTER SQ
NETHERLANDS									
CAMP NEW AMSTERDAM AIR BASE	SOESTERBERG	1239	106	1345	1363	22	125	35	32 TACTICAL FIGHTER SQUADRON
PANAMA									
ALBROOK AIR FORCE STATION	BALBOA	115	25	140	162	34	571	29	SUPPORT OF GEN. PURPOSE FORCES
PHILIPPINES									
CLARK AIR BASE	ANGELES	8335	2377	10712	11070	3	9082	2	3 TACTICAL FIGHTER WING
CAMP O'DONNELL, RP	O'DONNELL	194	275	469	469	28	395	31	TRAINING RANGE
PORTUGAL									
LAJES FIELD	LAJES	1838	1173	3011	3132	16	903	23	1605 AIR BASE WING
SPAIN									
TORREJON AIR BASE	MADRID	3675	1000	4675	4903	7	2010	10	401 TACTICAL FIGHTER WING
MORON AIR BASE	MORON	58	39	97	426	30	2808	8	GENERAL SUPPORT ANNEX
ZARAGOZA AIR BASE	ZARAGOZA	1325	146	1471	2089	20	2982	7	406 TACTICAL FIGHTER TNG WING

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AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
INCIRLIK AIR BASE	INCIRLIK	2127	269	2396	3385	15	3328	5	39 TACTICAL GROUP
TURKEY									
UNITED KINGDOM									
ALCONBURY RAF BASE	ALCONBURY	2292	241	2533	2583	17	1166	18	10 TACTICAL RECON WING
WETHERSFIELD RAF BASE, UK	WETHERSFIELD	214	31	245	245	33	799	24	GENERAL SUPPORT ANNEX
CROUGHTON RAF BASE	CROUGHTON	488	46	534	534	27	694	27	2130 COMMUNICATIONS GP
BENTWATERS RAF BASE	EYKE	3153	401	3554	3650	14	782	25	81 TACTICAL FIGHTER WING
LAKENHEATH RAF BASE	LAKENHEATH	4759	382	5141	5280	6	1964	11	48 TACTICAL FIGHTER WING
SCULTHROPE RAF BASE, UK	FAKENHAM	16	11	27	27	35	1503	13	GENERAL SUPPORT ANNEX
GREENHAM COMMON RAF BASE	NEWBURY	229	177	406	410	31	1005	20	GENERAL SUPPORT ANNEX
CHICKSANDS RAF BASE	SHEFFORD	1203	113	1316	1333	23	411	30	2112 COMMUNICATIONS GP
FAIRFORD RAF BASE	SWINDON	610	47	657	657	26	1273	14	TACTICAL FIGHTER SUPPORT
UPPER HEYFORD RAF BASE	UPPER HEYFORD	3301	479	4380	4513	10	1191	17	20 TACTICAL FIGHTER WING
WOODBRIIDGE RAF BASE	WOODBRIIDGE	400	3	403	403	32	994	21	78 TACTICAL FIGHTER SQUADRON

## AIRLIFT/SEALIFT FORCES (204)

## GERMANY, FEDERAL REP OF

TEMPELHOF AIRPORT	BERLIN	1024	713	1737	1738	4	3	4	SUPPORT ACTIVITIES
RHEIN MAIN AIR BASE	FRANKFURT	4369	1236	5605	5812	2	808	3	435 TACTICAL AIRLIFT WING
JAPAN									

YOKOTA AIR BASE	TOKYO	4302	2228	6530	7141	1	1751	1	345 TACTICAL AIRLIFT SQUADRON
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DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
MILDENHALL RAF BASE	MILDENHALL	3198	338	3536	3628	3	1017	2	513 TACTICAL AIRLIFT WING

UNITED KINGDOM

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
AUXILIARY FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
<b>INTELLIGENCE AND COMMUNICATIONS (303)</b>									
ALASKA									
ANIAK AIRPORT	ANIAK						285		2 GENERAL SUPPORT ANNEX
SHENYA AFB	ATKA	652	25	677	833	1	3520		1 6 STRATEGIC WING, DET 1
ALAID ISLAND ANNEX, AK	ATKA						1		4 GENERAL SUPPORT ANNEX
<b>HAWAII</b>									
PALEHUA AF SOLAR OBS RES SITE	MANAKULI	14		14	14	2	6		3 SOLAR OBSERVATION
<b>RESEARCH AND DEVELOPMENT (306)</b>									
ALASKA									
ATTU RESEARCH SITE	ATKA						3		25 R&D ACTIVITIES
CHENA RIVER RESEARCH SITE	FAIRBANKS						4906		4 R&D ACTIVITIES
BURNT MTN RESEARCH SITE	FORT YUKON						108		13 R&D ACTIVITIES
<b>CALIFORNIA</b>									
LOS ANGELES AFS	EL SEGUNDO	1516	1124	2640	5625	3	96		15 SPACE & MISSILE SYSTEMS ORG
LOS ANGELES AF 01 ANNEX, CA	LOS ANGELES	54	61	115	115	9	4		24 R&D ACTIVITIES
CAMP PARKS COMM ANNEX, CA	PLEASANTON						12		21 COMMUNICATIONS
SUNNYVALE AIR FORCE STATION, CA	SUNNYVALE	779	227	1006	1160	8	23		20 R&D ACTIVITIES
EDWARDS AFB	ROSAMOND	3745	2114	5859	7255	2	300723		2 AF FLIGHT TEST CENTER
COYOTE FLATS AIR STRIP, CA	BISHOP						651		9 HIGH ALTITUDE TEST LANDING
MUD LAKE TEST ANNEX, NV	TONOPAH						43		18 GENERAL SUPPORT SITE
<b>FLORIDA</b>									
CUDJOE KEY AIR FORCE STATION	PERKY						70		16 ELECTRONICS SITE
EGLIN AFB	VALPARISO	8096	3424	11520	13495	1	462652		1 ARMAMENT DEVELOPMENT&TEST CTR
EGLIN AAF 10, FL	MILTON						173		12 AUXILIARY FIELD
EGLIN AAF 6, FL	NICEVILLE						629		10 AUXILIARY FIELD
EGLIN AAF 2, FL	VALPARISO						752		8 AUXILIARY FIELD
EGLIN 09/HURLBURT AAF, FL	CRESTVIEW	3419	333	3752	3846	5	1093		6 1 SPECIAL OPERATIONS WING
EGLIN AAF 3, FL		318	309	627	1594	7	596		11 SPECIAL OPERATIONS GROUP

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 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 AUXILIARY FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
MASSACHUSETTS									
HANSCOM AFB	BEDFORD	1888	2864	4752	5165	4	846		7 ELECTRONICS SYSTEMS DIV AFSC
SUBBURY RESEARCH SITE, MA	SUBBURY	x	x	x	x	x	10		22 R&D ACTIVITIES
PROSPECT HILL RESEARCH SITE, MA	WALTHAM	x	x	x	x	x	6		23 R&D ACTIVITIES
SAGAMORE HILL RESEARCH ANNEX, MA	HAMILTON	x	x	x	x	x	32		19 R&D ACTIVITIES
MAYNARD RESEARCH SITE, MA	MAYNARD	x	x	x	x	x	60		17 R&D ACTIVITIES
NEVADA									
TONOPAH AFS	TONOPAH	x	x	x	x	x	4000		5 R&D ACTIVITIES
NEW YORK									
YOUNGSTOWN TEST SITE	YOUNGSTOWN	3	2	5	5	10	99		14 R&D ACTIVITIES
TENNESSEE									
ARNOLD AFS	MANCHESTER	93	150	243	3335	6	39081		3 ENGINE DEVELOPMENT CTR
CENTRAL SUPPLY AND MAINTENANCE (EASTERN TEST RANGE) (307)									
FLORIDA									
PATRICK AFB	COCOA BEACH	3932	2108	6040	6366	1	2342		2 AF EASTERN TEST RANGE
CAPE CANAVERAL AIR FORCE STA, FL	PORT CANAVERAL	2	x	2	3837	2	15424		1 EASTERN TEST RANGE
COCOA BEACH COMM ANNEX, FL	COCOA BEACH	x	x	x	x	x	2		3 COMMUNICATIONS

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DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 AUXILIARY FORCES  
 Military Installations Used By  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
INTELLIGENCE AND COMMUNICATIONS (303)									
ITALY									
SAN VITO AIR STATION	BRINDISI	1334	230	1564	1564	1	359	3	COMMUNICATIONS
PHILIPPINES									
WALLACE AIR STATION	SAN FERNANDO	179	71	250	361	3	492	2	COMMUNICATIONS
TURKEY									
KARAMURSEL AIR STATION	KARAMURSEL	458	158	616	1109	2	822	1	COMMUNICATIONS



## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
AIR FORCE BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
STRATEGIC (401)								
COLORADO PETERSON AFB NORAD COMBAT OPNS CTR ANNEX, CO	COLORADO SPGS COLORADO SPGS	1861 x	901 x	2762 x	3416 x	1 x	1176 519	1 AEROSPACE DEF CMD HQ&46 AD WG 2 COMMUNICATIONS
GENERAL PURPOSE (402)								
ALASKA KENAI AIRPORT	KENAI	x	x	x	x	x	6	11 GENERAL SUPPORT ANNEX
CALIFORNIA POINT ARENA AIR FORCE STATION PILLAR POINT AIR FORCE STATION	ANCHOR BAY HALF MOON BAY	85 x	32 x	117 x	119 x	6 x	90 47	6 GENERAL SUPPORT ANNEX 7 GENERAL SUPPORT ANNEX
HAWAII HICKAM AFB BELLWIS AIR FORCE STATION, HI JOHNSTON ATOLL AFD, JO KAENA POINT FACILITY, HI KOEKE AFS, HI PUNAMANO AIR FORCE STATION, HI WAHIAWA COMM STATION, HI	HONOLULU(APOSF) WAIMANALO JOHNSTON ISLAND WAIALUA KEKAHA KAHUKU WHITMORE VIL	5609 61 94 9 1 x x	4027 4 370 204 79 x x	9636 65 464 213 80 x x	10919 65 464 213 190 x x	1 7 3 4 5 x x	2736 1571 684 141 11 33 9	1 9 AIRBORNE COMMAND&CONTROL SOD 2 COMMUNICATIONS 3 COMMUNICATIONS 4 MISSILE TRACKING 9 SPACE TRACKING 8 COMMUNICATIONS 10 COMMUNICATIONS
OKLAHOMA OKLAHOMA CITY AFS	MIDWEST CITY	232	315	547	547	2	129	5 GENERAL SUPPORT ANNEX

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MISSION SUPPORT FORCES  
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Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GERMANY, FEDERAL REP OF									
EINSIEDLERHUF AIR STATION	KAISERSLAUTERN	1397	400	1797	1805	3	244	2	SUPPORT ACTIVITIES
LINDSEY AIR STATION	WIESBADEN						30	5	SUPPORT ACTIVITIES
GREECE									
HELLENIKON AIR BASE	ATHENS	1339	351	1690	2107	2	172	3	7206 AIR BASE GROUP
PANAMA									
HOWARD AIR FORCE BASE	BALBOA	1662	695	2357	2425	1	14078	1	USAF SOUTHERN AIR DIV
TURKEY									
ANKARA AIR STATION	ANKARA	122	56	178	733	4	133	4	SUPPORT ACTIVITIES

GENERAL PURPOSE (402)

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 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 CENTRAL SUPPORT FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
ARIZONA									
AIR FORCE PLANT 44	TUCSON	4	42	46	46	16	2174	10	PRODUCTION-MISSILES (C)
CALIFORNIA									
NORWALK DEF FUEL SUPPORT PT	NORWALK							63	30 POL SUPPLY SITE
AIR FORCE PLANT 42	PALMDALE							5538	6 PRODUCTION-AIRCRAFT PARTS (C)
MCLELLAN AFB	SACRAMENTO	2966	12588	15554	16504	6	3690	9	AIR LOGISTICS CENTER
MCLELLAN STORAGE ANNEX, CA	FOLSOM	3	63	66	66	15		52	32 STORAGE ANNEX
LINCOLN COMM ANNEX, CA	LINCOLN							356	20 COMMUNICATIONS
AIR FORCE PLANT 19	SAN DIEGO							70	27 PRODUCTION-AIRCRAFT PARTS (C)
COLORADO									
MARTIN MISSILE TEST SITE 1	LITTLETON							464	18 PRODUCTION-MISSILE PARTS (C)
GEORGIA									
AIR FORCE PLANT 6	MARIETTA	23	98	121	121	12	703	14	PRODUCTION-AIRCRAFT PARTS (C)
ROBINS AFB	WARNER ROBINS	3780	14182	17962	19411	5	8728	3	AIR LOGISTICS CENTER
KANSAS									
AIR FORCE PLANT 13	WICHITA							549	16 PRODUCTION-AIRCRAFT (C)
MARYLAND									
AIR FORCE PLANT 50	HALETHORPE							15	39 AIRCFT QUALITY EXTENSIONS (C)
MASSACHUSETTS									
AIR FORCE PLANT 28	EVERETT							49	33 PRODUCTION-JET ENGINES (C)
AIR FORCE PLANT 29	LYNN							18	38 PRODUCTION-JET ENGINES (C)
AIR FORCE PLANT 63	NORTH GRAFTON							232	22 PRODUCTION-AIRCFT FORGINGS (C)

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AIR FORCE BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
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FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Area- Acres	Rank	Major Unit-Activity-Function
MISSOURI									
AIR FORCE PLANT 65	NEOSHO	1	13	14	14	18	357	19	ENGINE OVERHAUL (C)
DMA AEROSPACE CTR	ST LOUIS	44	3387	3431	3483	7	66	29	PRODUCTION-AEROSPACE MAPS(DMA)
AIR FORCE PLANT 84		x	x	x	x	x	45	34	PRODUCTION-AIRCRAFT (C)
NEW MEXICO									
AIR FORCE PLANT 83	ALBUQUERQUE	x	x	x	x	x	33	35	PRODUCTION-JET ENGINE PARTS(C)
NEW YORK									
AIR FORCE PLANT 49	BUFFALO	x	x	x	x	x	8	40	PRODUCTION-STEEL SHAPES (C)
AIR FORCE PLANT 59	JOHNSON CITY	x	x	x	x	x	30	36	PRODUCTION-AIRCRAFT SYSTEMS(C)
AIR FORCE PLANT 38	LEWISTON	x	x	x	x	x	881	12	PRODUCTION-ROCKET ENGINES (C)
OHIO									
CINCINNATI DEF FUEL SUPPORT PT	CINCINNATI	x	x	x	x	x	3	41	POL SUPPLY SITE
AIR FORCE PLANT 47	CLEVELAND	x	x	x	x	x	26	37	PRODUCTION-AIRCFT FORGINGS (C)
DEF ELECTRONICS SUPPLY CTR	DAYTON	32	2620	2652	2652	8	165	23	LOGISTICS DEPOT
AIR FORCE PLANT 36	EVENDALE	6	79	85	85	13	66	29	PRODUCTION-JET ENGINES (C)
WRIGHT-PATTERSON AFB	FAIRBORN	7082	15982	23064	25817	1	8512	4	AIR LOGISTICS COMMAND HQ
NEWARK AIR FORCE STATION	HEATH	50	2520	2570	2605	9	56	31	AIR NATIONAL GUARD ACTIVITIES
AIR FORCE PLANT 27	TOLEDO	x	x	x	x	x	79	26	PRODUCTION-JET ENGINES (C)
OKLAHOMA									
TINKER AFB	MIDWEST CITY	5225	15911	21136	23434	3	4277	8	AIR LOGISTICS CENTER
AIR FORCE PLANT 3	TULSA	x	x	x	x	x	332	21	PRODUCTION-AIRCRAFT PARTS (C)
TEXAS									
AIR FORCE PLANT 4	FT WORTH	30	213	243	243	11	515	17	PRODUCTION-WEAPONS SYSTEMS (C)
KELLY AFB	SAN ANTONIO	3606	16251	19857	23698	2	4966	7	AIR LOGISTICS CENTER
SAN ANTONIO AIR FORCE STATION,	SAN ANTONIO	164	1950	2114	2150	10	164	24	COMMUNICATIONS
TX									
UTAH									
AIR FORCE PLANT 77	CLEARFIELD	x	x	x	x	x	688	15	PRODUCTION-MISSILES (C)
HILL AFB	CLEARFIELD	4831	13474	18305	20858	4	5915	5	AIR LOGISTICS CENTER
WENDOVER WRG, UT	WENDOVER	x	1	1	1	20	572588	1	RANGE
HILL WRG, UT	WENDOVER	5	73	78	78	14	351539	2	RANGE

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LITTLE MOUNTAIN TEST ANNEX, UT	OGDEN	x	1	1	1	20	745	13	R&D ACTIVITIES
BOULDER RESEARCH SITE, WY	BOULDER	14	x	14	14	18	144	25	R&D ACTIVITIES
AIR FORCE PLANT 78	CORINNE	x	x	x	x	x	1515	11	PRODUCTION-MISSILES (C)
TRAINING, MEDICAL AND OTHER PERSONNEL (508)									
ALABAMA									
MAXWELL AFB	MONTGOMERY	2327	1582	3909	6197	9	3866	9	AIR UNIVERSITY
GUNTER AFS, AL	MONTGOMERY	x	x	x	x	x	392	23	AF DATA SYSTEMS DESIGN CENTER
MAXWELL COMM ANNEX, AL	MONTGOMERY	x	x	x	x	x	6	27	COMMUNICATIONS
HUNTER LOOP COMM FAC ANNEX, AL	MONTGOMERY	x	7	7	7	19	37	25	COMMUNICATIONS
ARIZONA									
WILLIAMS AFB	CHANDLER	2393	751	3144	3789	10	4728	7	82 FLYING TRAINING WING
COOLIDGE/FLORENCE AIRPORT, AZ	COOLIDGE	x	x	x	x	x	5	28	AUXILIARY TRAINING FIELD
RITTENHOUSE AAF, AZ	RITTENHOUSE	x	x	x	x	x	764	21	AUXILIARY TRAINING FIELD
CALIFORNIA									
MATHER AFB	RANCHO CORDOVA	3804	1271	5075	6705	8	5911	3	323 FLYING TRAINING WING
COLORADO									
US AIR FORCE ACADEMY	COLORADO SPTS	2326	1898	4224	8968	5	18325	1	OFFICER ACQUISITION TRAINING
LOWRY AFB	DENVER	3275	4028	7303	10928	3	1948	15	TECHNICAL TRAINING CENTER
LOWRY AFB TRAINING ANNEX, CO	WATKINS	x	x	x	x	x	3833	10	TRAINING
ILLINOIS									
CHANUTE AFB	RANTOUL	2498	1317	3815	7701	7	2125	14	TECHNICAL TRAINING CENTER
MISSISSIPPI									
KEESLER AFB	BILOXI	5438	2581	8019	13434	2	3547	12	TECHNICAL TRAINING CENTER
KEESLER TNG SITE 1, MS	BILOXI	x	x	x	500	17	57	24	TRAINING
COLUMBUS AFB	COLUMBUS	2229	529	2758	3234	11	4937	6	14 FLYING TRAINING WING
MARTIN COUNTY AIRPORT, AL	HAMILTON	9	x	9	9	18	1	31	AUXILIARY TRAINING FIELD

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 DEPARTMENT OF DEFENSE  
 AIR FORCE BASE STRUCTURE  
 CENTRAL SUPPORT FORCES  
 UNITED STATES  
 FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
OKLAHOMA									
VANCE AFB	ENID	750	144	894	2991	14	4203	8 71	FLYING TRAINING WING
KEGELMAN AAF, OK	JET	x	x	x	x	x	1134	17	AUXILIARY TRAINING FIELD
TEXAS									
LAUGHLIN AFB	DEL RIO	2063	553	2616	3052	12	5309	5 47	FLYING TRAINING WING
EAGLE PASS AAF, TX	QUEMADA	x	x	x	x	x	824	20	AUXILIARY TRAINING FIELD
REESE AFB	LUBBOCK	1909	644	2553	3043	13	3346	13 64	FLYING TRAINING WING
RESE AAF, TX	BROWNFIELD	x	x	x	x	x	520	22	AUXILIARY TRAINING FIELD
GOODFELLOW AFB	SAN ANGELO	904	288	1192	1990	16	1119	18 6940	SECURITY WING
BROOKS AFB	SAN ANTONIO	1353	847	2200	2611	15	1310	16	AEROSPACE MEDICAL DIVISION
LACKLAND AFB	SAN ANTONIO	8265	2045	8310	22323	1	6828	2	USAF BASIC MILITARY SCHOOL
HONDO MUNICIPAL AIRPORT, TX	HONDO	x	x	x	x	x	1	31	AUXILIARY TRAINING FIELD
CASTROVILLE MAP, TX	CASTROVILLE	x	x	x	x	x	1	31	AUXILIARY FIELD
RANDOLPH AFB	UNIVERSAL CITY	4919	2427	7346	7704	6	3771	11 12	FLYING TRAINING WING
SEGUIN AAF, TX	SEGUIN	x	x	x	x	x	826	19	AUXILIARY TRAINING FIELD
RANDOLPH COMM SITE, TX	UNIVERSAL CITY	x	x	x	x	x	4	29	COMMUNICATIONS
SHEPARD AFB	WICHITA FALLS	3458	1675	5133	10278	4	5788	4	TECHNICAL TRAINING CENTER
FREDERICK MUNICIPAL AIRPORT, OK	FREDERICK	5	x	5	5	20	9	26	AUXILIARY AIRFIELD

## ADMINISTRATION AND ASSOCIATED ACTIVITIES (509)

DIST OF COLUMBIA

BOLLING AFB

WASHINGTON

1 HQ USAF SUPPORT

606

1

2411

2180

747

1433

MARINE CORPS

## CHAPTER FIVE

### MARINE CORPS BASE STRUCTURE

#### I. INTRODUCTION

This Chapter presents the Marine Corps' approach to a basing structure and the relationship of that structure to the Marine Corps' tactical force structure. In addition, base operating costs are identified.

The National Security Act of 1947, as amended, prescribes the organization of the Marine Corps.

Based on that directive, the Marine Corps is organized into operating forces assigned to the Fleet Marine Force; reserve forces; security forces for naval installations, many ships and embassies; and a supporting establishment of operating bases, air stations, training centers, logistics and support bases and headquarters elements.

The Marine Corps has identified no future force programs which will change the basic organization of the Marine Corps or its installation alignment.



## II. BASE STRUCTURE OVERVIEW

Marine Corps tactical forces are assigned to installations that geographically position the forces for optimum training, support and responsiveness to contingency requirements.

Marine Corps operating forces, split between Fleet Marine Force, Atlantic (FMFLant) and Fleet Marine Force, Pacific (FMFPac) are available to CINCLant and CINCPac through their respective FMF commanders. Operational commitments for these forces are projected to remain unchanged from FY 1979 projections.

Specifically FMFLant will maintain one Marine Amphibious Force (MAF) on the East Coast of the U. S. available to CINCLant. That MAF will continue to provide up to two Marine Amphibious Units (MAUs) at all times for afloat deployments in the Atlantic, Caribbean, and Mediterranean. It will also continue to be earmarked as our primary force for Allied Command Europe (ACE) in the event of NATO/Warsaw Pact hostilities.

FMFPac will maintain two MAFs in the Pacific region. Both of these MAFs are available to CINCPac.

One MAF will remain forward deployed in the Western Pacific with one Brigade of that MAF stationed in Hawaii. One MAF will remain on the West Coast of the U. S. The West Coast MAF will rotate battalions to the Western Pacific. The Hawaii Brigade and the MAF in the Western Pacific will provide up to two MAUs for forward afloat deployments.

The MAF on the West Coast of the U. S. is earmarked as a follow-on force for ACE in the event of a NATO conflict, or as a follow-on force for a conflict in the Western Pacific.

The Reserve Division Wing/Team will be prepared on short notice to augment/reinforce the active structure with additional capabilities for a major war.

The three active MAFs in the FMF and the Reserve Division Wing Team will be maintained at a maximum state of readiness and deployment posture to assure a capability for rapid and effective response anywhere in the world to support the National strategy. The basic concept that links operating forces with the base structure is the essential requirement to maintain a base and logistics structure capable of:

- supporting peacetime force levels and operational commitments;
- accommodating rapid expansion to wartime force levels in event of mobilization; and,
- maintaining a training and logistics support posture that will provide sustained support for forces committed overseas under full mobilization conditions.

Rationale for the Location of Major Activities:

1. Operational bases Camp Lejeune, Camp Pendleton, Camp Butler and Air Station Kaneohe Bay supporting the FMF have the following specific requirements:

- a. Adequate training areas for both vertical and over-the-beach amphibious assault training.
- b. Direct rail and highway access to mount-out ports (with one way transit time not exceeding four hours), and across-the-beach out-load capability for all amphibious shipping.
- c. Helicopter shore facility located to afford direct mount-out and on-load of amphibious shipping at sea from shore based facility.
- d. Light fixed-wing aircraft facilities, helicopter landing sites, and fixed-wing VTOL sites within the Division area to support air-ground team training and operations.
- e. Adequate facilities for combined arms training to include impact areas for live firing of organic weapons.
- f. Remote areas with suitable beaches and undeveloped airfield sites for advance deployment training of air-ground teams.
- g. Ready access to established logistical supporting bases.
- h. Sea, air, and beach areas with suitable adjacent maneuver areas inland for the accomplishment of integrated Navy/Marine amphibious training and exercises.

2. Aviation Combat Elements have the following requirements:

a. Fighter and Attack Squadrons (VMFA/VMA), located at Marine Corps Air Stations, Beaufort, Cherry Point, El Toro, Iwakuni, Kaneohe Bay, and Yuma.

(1) A tactical jet air base within 200 miles of the Division base.

(2) Capability to conduct aircraft carrier qualifications within 100 miles of a suitable air installation and for use in emergency situations such as low fuel state or fouled deck diverts.

(3) Field Mirror Landing Practice at the field and other suitable outlying airfield within 100 miles of home base.

(4) High performance air combat maneuvering air space free from other activity and within 100 miles of home base.

(5) Sea and air space free from other activity for safe firing of Sidewinder, Sparrow, or other air-to-air missiles currently in the inventory or those which will be introduced or tested in the foreseeable future.

(6) Instrumented weapons range, targets and control facilities, free from other activity for safe firing of missile weapons systems and for Special Weapons Delivery Training.

(7) Targets and control facilities for delivery of air-to-air surface ordnance in ground, sea and air space free from other activity and installations for accomplishment of necessary training with conventional ordnance. Targets within 100 nautical miles of home base. If located greater than 100 miles from home base, a support field with appropriate facilities will be required to support aviation unit deployments.

(8) Fixed and moving shore and seaborne targets for accomplishment of necessary all-weather training with conventional ordnance and guided stand-off weapons which are currently available or will be introduced.

(9) Ground Controlled Intercept/Marine Tactical Data System (GCI/MTDS) units located so as to promote air-to-air intercept training.

(10) Suitable air space for conduct of aerial refueling practice.

b. Marine Attack Helicopter/Marine Light Helicopter/Marine Medium Helicopter/Marine Heavy Helicopter/Marine Observation Squadrons (HMA/HML/HMM/HMH/VMO), located at Marine Corps Air Stations, Tustin, New River, Futenma and at Marine Corps Air Facility, Camp Pendleton.

(1) A helicopter air station located within 40 miles of a Marine division.

(2) High elevation confined area landing sites for training rotary wing pilots.

(3) Protected air space and ordnance target complexes within 50 miles of home port for training pilots and gunners.

(4) Outlying landing sites within 50 miles of home port for the conduct of syllabus training including Field Carrier Landing Practice.

(5) Facilities for all-weather training.

(6) Ready access to division training areas for combined arms and assault helicopter joint vertical training.

(7) Ready access to helicopter capable amphibious shipping (LHA/LPH) for the conduct of ship-based training and operations.

3. Marine Corps operating bases for forward deployed units in Japan and Hawaii, generally meet the requirements as stated previously.

4. Twentynine Palms was originally established as an artillery training base and aviation gunnery range. However, the recently established Marine Corps Air Ground Combat Center (MCAGCC) increases the overall use of this facility because of the year round use by all

elements of the Marine combined arms team. Twentynine Palms' size and location permits unrestricted firing in almost any direction of both artillery and air delivered ordnance. Additionally, this base provides ample space for the maneuver of mobile-mechanized task forces. The Marine Corps Communications-Electronics School is also located at Twentynine Palms. This school was moved from San Diego to Twentynine Palms because of the absence of electromagnetic interference and conflicting electromagnetic transmissions in the San Diego area.

5. The Marine Corps has two logistics support activities, one at Albany, Georgia, and the other at Barstow, California. The Marine Corps Logistics Bases are geographically located to provide the required direct support to individual FMF's at near minimum operating and transportation costs. Both are located in areas of relatively stable labor markets where there is little or no competition from either government or civilian sectors for required labor skills.

6. The Marine Corps maintains two recruit depots, one at Parris Island in South Carolina, and the other at San Diego in California. During Fiscal Year 1979, the Marine Corps trained a total of 45,981 male regular and Reserve recruits and 2,541 female regular and Reserve recruits. Neither the Recruit Depot at Parris Island nor the one at San Diego can handle the recruit load alone. Generally, recruits from the Western half of the nation are trained at San Diego and those from the East are trained at Parris Island. Women are trained only at Parris Island. The geographical location of the present depots reduces the travel costs of arriving recruits and of graduating Marines. The Marine Corps finds the present two depots and their locations a satisfactory arrangement.

### III. RELATIONSHIP OF BASE STRUCTURE TO FORCE STRUCTURE

The Marine Corps base structure is reflective of the mission to support its current and projected force structure levels. It is continually under review for potential mission changes, economy measures and other relevant developments.

#### STRATEGIC FORCES (100)

Not applicable

#### GENERAL PURPOSE FORCES (200)

The two FMF Headquarters, Fleet Marine Force, Atlantic at Camp Elmore, Norfolk, Virginia and Fleet Marine Force, Pacific at Camp Smith, Honolulu, Hawaii are collocated with Headquarters, Commander-in-Chief, Atlantic and Commander-in-Chief, Pacific respectively, for command, control, and communications efficiency.

The Marine Corps has three active Marine Amphibious Forces (MAFs). Two MAFs and a portion of the third MAF are based in the United States.

I MAF is based on the West Coast with its Headquarters, and its Major Ground Combat Element, the 1st Marine Division (MARDIV), located at Camp Pendleton, California. The 3d Marine Aircraft Wing (MAW), the aviation component of I MAF has its fixed wing aviation elements located at Marine Corps Air Station (MCAS), El Toro, California and MCAS, Yuma, Arizona. The helicopter elements of 3d MAW are located at MCAS (Helicopter) (MCAS (H)), Tustin, California and at the Air Facility at Camp Pendleton. The 1st Force Service Support Group (FSSG) I MAF's logistical component is also located at Camp Pendleton. A tank battalion and an artillery battalion are located at Marine Corps Air Ground Combat Center, Twentynine Palms, California. An expeditionary airfield has been established to support the Marine Corps Air Ground Combat Center (MCAGCC) at Twentynine Palms. The addition of a reinforced infantry battalion and the remaining two companies of the tank battalion during FY 1978 has significantly increased activity and facility requirements at MCAGCC, Twentynine Palms. The West Coast based I MAF is the follow-on force in the event of a NATO/Warsaw Pact war or a conflict in the Western Pacific area.

II MAF is based on the East Coast. The 2d MARDIV, the ground combat component of II MAF, is located at Camp Lejeune, as is the logistic component, the 2d FSSG. The 2d MAF, the MAF's aviation component, has its fixed wing aviation units located at MCAS Cherry Point, North Carolina and MCAS Beaufort, South Carolina. The helicopter units are located at MCAS (H) New River, adjacent to Camp Lejeune. The East Coast based MAF is the Marine Corps' primary force in the event of a NATO/Warsaw Pact war.

III MAF, consisting of ground, aviation, and logistic components is headquartered at Camp S. D. Butler, Okinawa, Japan. (Camp Butler is the collective name for all Marine Corps owned camps and facilities which comprise the Marine Corps Base structure on Okinawa.) The ground combat component consists of two regiments of the 3d MARDIV (reinforced). The logistic component, 3d FSSG, is also located at Camp Butler. The Helicopter component is located at MCAS (H) Futenma, Okinawa while a portion of the tactical fixed wing aviation component is based at MCAS Iwakuni, Japan and the remainder on Okinawa. The forward based III MAF is immediately available for contingency operations in Western Pacific. The 1st Marine Brigade is also part of III MAF and provides additional ground and aviation forces for III MAF.

The 1st Marine Brigade (MARBDE) is stationed at MCAS Kaneohe Bay, Hawaii. The ground component of the Brigade consists of the 3d Marine Regiment of the 3d MARDIV, and associated support units. The aviation component of tactical fixed wing aviation and helicopters is also located at MCAS Kaneohe Bay. One of the three infantry battalions and a portion of the aviation assets assigned to the Brigade are continuously deployed as a MAU in the Western Pacific. Dependents of the deployed personnel will be home-based at MCAS Kaneohe Bay and the requirement for facilities to support dependents will remain unchanged. The 1st Marine Brigade is immediately available for contingency operations in Asia.

#### AUXILIARY FORCES (300)

Not applicable

#### MISSION SUPPORT FORCES (400)

The Marine Corps Air Ground Combat Center (MCAGCC) was formerly known as Marine Corps Base, Twentynine Palms, California and is commonly referred to as the "Combat Center."

The mission of the Combat Center is to administer and conduct a combined arms program in order to exercise and evaluate participating units in the command, control, and coordination of supporting arms. This mission includes providing the training and guidance for Exercise Forces/Marine Air-Ground Task Forces (MAGTFs) in fire support planning and coordination. To achieve the necessary degree of realism in combat training, live ordnance, innovative training aids, and tactics and techniques of the real world opposition forces are used. Inherent in this mission is the requirement to examine existing doctrine critically and to use exercises to identify innovative and more efficient means of accomplishing the Fleet Marine Force (FMF) mission.

Henderson Hall is located adjacent to Headquarters Marine Corps in Arlington, Virginia. Henderson Hall provides services and support to Headquarters Marine Corps, including but not limited to, enlisted members' billeting and messing, enlisted and Staff Non-commissioned Officer clubs, post exchange services, and recreational facilities. Henderson Hall's collocation with Headquarters Marine Corps increases the efficiency of the support services it provides.

The Mountain Warfare Training Center (MWTC) is located in Bridgeport, California. The Center is necessary to support unit training requirements under terrain and climate conditions not available elsewhere in the Western United States. The Marine Corps mission in support of contingency plans requires Marines to be trained and equipped for amphibious operations in the full range of climate and geographical situations. The peculiar skills required to operate in cold weather and mountainous terrain can be attained only by training in such a climate and terrain. These conditions are available at the MWTC. The MWTC also provides the Marine Corps with a ready-made training environment to place individuals and units under certain physical and mental demands paralleling those found in combat.

Camp Fuji, Japan provides critical organic weapons training ranges which are becoming increasingly unavailable on Okinawa. The training area includes hand grenade, demolitions, LAAW, 106RR, mortar, tank and artillery ranges. It affords the capability for long range observed fire, tank maneuver and full employment of the Marine tank/infantry team. It also provides a site for cold weather training. It is considered an essential training area to support the Fleet Marine Force, Pacific.



Marine Corps Auxiliary Landing Field (MCALF) Bogue is located in North Carolina between Camp Lejeune and MCAS Cherry Point. The installation has been altered to accommodate the Expeditionary Airfield (EAF) program which is the present mission of the airfield. The installation is divided into two geographical areas; a garrison area and an expeditionary area. The garrison area provides support and services for those personnel in EAF training and for EAF equipment evaluation. The expeditionary area includes the airfield pavements and is operated only within the capability of the installed EAF equipment to retain as realistic a combat environment as possible. MCALF Bogue is the only installation on the East Coast that provides training for flight and ground crews, Marine Corps engineer, and Naval Construction Battalion personnel in the installation, maintenance, use, and operation of EAF equipment.

#### CENTRAL SUPPORT FORCES (500)

The Marine Corps has logistic support bases at Albany, Georgia, and Barstow, California.

The Marine Corps maintains recruit depots at Parris Island, South Carolina, and San Diego, California.

The Marine Corps Development and Education Command (MCDEC) is located at Quantico, Virginia. MCDEC provides the professional development training for Marine Corps officers at the basic, intermediate, and senior level, as well as precommissioning training for all Marine Corps officer candidates. Professional development training for Marine Staff Non-Commissioned Officers is conducted at the Marine Staff NCO Academy. Courses are also provided in communications and computer sciences for officers and enlisted. In addition, MCDEC develops the doctrine, tactics, techniques and equipment employed by landing forces in amphibious operations. The Marine Security Guard Battalion is also located at MCDEC and is charged with the training of Marine Corps security personnel for duty with the Department of State.

Marine Corps Air Facility (MCAF), Quantico provides maintenance and support facilities for HMX-1. HMX-1 provides helicopter support for the President of the United States, the Vice President, members of the Cabinet, and foreign dignitaries. MCAF Quantico is situated within easy supporting distance of the Capital.

#### INDIVIDUALS (600)

Not applicable

#### IV. BASE OPERATIONS COSTS (BOC) FOR FY 1981

A summary of the estimated FY 1981 Base Operating Costs as defined in the Introduction follows:

TABLE XIV

## MAJOR DEFENSE PROGRAMS

MARINE CORPS BASE OPERATIONS COSTS (\$ MILLIONS) 1/

Major Defense Programs	Fifty States	U.S. Territories and Possessions	Foreign Overseas Areas	Total
Strategic (01)	-	-	-	-
General Purpose (02)	419.1	-	148.2	567.3
Intell. & Comm. (03)	-	-	-	-
Air/Sealift (04)	-	-	-	-
Guard & Reserve (05)	8.6	-	-	8.6
Research & Develop. (06)	-	-	-	-
Cent. Supply & Maint. (07)	56.8	-	0.5	57.3
Trng. Med. & Other Pers. (08)	116.8	-	-	116.8
Admin. & Assoc. (09)	9.4	-	-	9.4
Spt. of Other Nations (10)	-	-	-	-
TOTAL MARINE CORPS	610.7	-	148.7	759.4

1/ INCLUDES REIMBURSABLE AMOUNTS

## V. ACTIONS TO REDUCE ANNUAL BASE OPERATIONS COSTS

The Marine Corps continues to pursue all possible means to reduce base operations costs, including:

1. The construction of nine projects under the Energy Conservation Investment Program (ECIP).

2. The implementation of the Navy Automated Civilian Manpower Information System (NACMIS), a central source of data for all Department of the Navy civilian personnel.

SECTION VI

MARINE CORPS BASE STRUCTURE

TABLE XV

## SUMMARY OF NUMBER OF MARINE CORPS INSTALLATIONS, ACTIVITIES AND PROPERTIES

Mission Category (IDPPC)	U.S. Territories and Possessions		Total
	Fifty States	Foreign Areas	
GENERAL PURPOSE (202)	16	4	20
GENERAL PURPOSE (402)	3		3
CENTRAL SUPPLY AND MAINT. (507)	2		2
TRAINING, MEDICAL & OTHER PERSONNEL (508)	3		3
TOTAL MARINE CORPS	24	4	28

## UNCLASSIFIED

DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
GENERAL PURPOSE FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area-Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
ARIZONA MCAS, YUMA	YUMA	2778	364	3142	3579	6	2930	6	JET TNG & OPERATIONAL SUPPORT
CALIFORNIA MCAS, EL TORO MC BASE, CAMP PENDLETON MCAS (H), TUSTIN MCAF CAMP PENDLETON, CA	IRVINE OCEANSIDE TUSTIN OCEANSIDE	8796 25798 2002 *	868 1661 35 *	9664 27459 2037 *	10057 29619 2234 *	4 2 7 *	5219 186139 1709 343	5 1 8 14	HQ 3RD MAW/JET TNG/OPER SPT HQ 1ST MARDIV/TRP TNG/OPER SPT MAG-16/HELO TRAINING/OPERATION HELO TNG/OPERATIONS
HAWAII CAMP H. M. SMITH MCAS, KANEHOE BAY	HONOLULU KAILUA	964 8425	28 447	992 8872	1008 8967	8	420 39392	13	HQ FMF PAC/HQ CINPAC/HQ IPAC 1ST MARBDE/JET & HELO TNG OPNS
NORTH CAROLINA MCAS, CHERRY POINT MCOLF, ATLANTIC, NC MCOLF, BOGUE, NC MC BASE, CAMP LEJEUNE MCOLF, CAMP DAVIS, NC MCOLF, OAK GROVE, NC MCAS(4), NEW RIVER, NC	HAVELOCK HAVELOCK SWANBORO JACKSONVILLE HOLLY RIDGE NEW BERN JACKSONVILLE	8876 * * 31359 * * *	3594 * * 2343 * * *	12470 * * 33702 * * *	12908 * * 36413 * * *	3 * * 1 * * *	26583 1469 837 88432 955 976 2773	2 9 12 2 11 10 7	HQ 2ND MAW/JET TNG & OPNS/NARF AVIATION PROFICIENCY TRAINING 2ND MAW/EXPEDITION AIRFLD TNG HQ 2ND MARDIV/TRP TNG/OPN SPT AVIATION PROFICIENCY TRAINING AVIATION PROFICIENCY TRAINING MAG 26/TRP TNG/OPER SUPPORT
SOUTH CAROLINA MCAS, BEAUFORT	BEAUFORT	3206	403	3609	3692	5	6676	4	MAG-31/JET TNG/OPN SUPPORT
VIRGINIA CAMP ELMORE	NORFOLK	672	3	675	675	9	22	15	HQ FMF LANT

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DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
GENERAL PURPOSE FORCES  
Military Installations Used By  
the U. S. Forces in Foreign Areas  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (202)									
JAPAN									
MARINE CORPS BASE, CAMP BUTLER	FUTENMA, OKINAWA	19106	2229	21335	21335	1	45120	1	TRAINING/OPERATIONAL SUPPORT
MARINE CORPS AIR STA, FUTENMA	FUTENMA, OKINAWA	3107	47	3154	3154	3	1188	4	HELICOPTER TRAINING
CAMP FUJI	GOTEMBA	27	42	69	69	4	34110	2	TRAINING SUPPORT
MARINE CORPS AIR STA, IWAKUNI	IWAKUNI	4578	878	5456	5456	2	6590	3	JET TRAINER/OPERATIONAL SPT

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DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
GENERAL PURPOSE (402)									
CALIFORNIA MC AIR GD CBT CTR 29 PALMS	PALM SPRINGS	6226	439	6665	8820	1	595589	1	COMBINED ARMS TNG, MCCES
DIST OF COLUMBIA MARINE BARRACKS 8TH & 1 ST	WASHINGTON	971	33	1004	1004	3	5	3	CEREMONIES/SECURITY/MC INST
VIRGINIA HOMC, HENDERSON HALL	WASHINGTON DC	2460	40	2500	2500	2	21	2	HQ USMC

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DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
MISSION SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Major Unit-Activity-Function
GENERAL PURPOSE (402)								
CALIFORNIA MC AIR GD CBT CTR 29 PALMS	PALM SPRINGS	6226	439	6665	8820	1	595569	1 COMBINED ARMS TNO, MCCES
DIST OF COLUMBIA MARINE BARRACKS 8TH & I ST	WASHINGTON	971	33	1004	1004	3	5	3 CEREMONIES/SECURITY/MC INST
VIRGINIA HQM. HENDERSON HALL	WASHINGTON DC	2460	40	2500	2500	2	21	2 HQ USMC

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DEPARTMENT OF DEFENSE  
MARINE CORPS BASE STRUCTURE  
CENTRAL SUPPORT FORCES  
UNITED STATES  
FY 1981

Installation	City	AFTA Mil.	AFTA Civ.	AFTA Tot.	Total Pers.	Rank	Land Area- Acres	Rank	Major Unit-Activity-Function
CENTRAL SUPPLY AND MAINTENANCE (507)									
CALIFORNIA MC LOGISTICS BASE	BARSTOW	972	1993	2965	2990	2	5688	1	DEPOT MAINT/SUPPLY & STORAGE
GEORGIA MC LOGISTICS BASE	ALBANY	1194	2276	3470	3536	1	3327	2	DEPOT MAINT/SUPPLY & STORAGE
TRAINING, MEDICAL AND OTHER PERSONNEL (508)									
CALIFORNIA MC RECRUIT DEPOT, SAN DIEGO	SAN DIEGO	10415	271	10686	15766	2	503	3	RECRUIT TRAINING
SOUTH CAROLINA MC RECRUIT DEPOT, PARRIS ISLAND	SAVANNAH, GA	11647	549	12196	17896	1	8081	2	RECRUIT TRAINING
VIRGINIA MC DEV & ED CMD, QUANTICO	FREDERICKSBURG	6035	1396	7431	10445	3	60647	1	OFF PROF TNG/SKILL TNG/R&D CTR

DEPARTMENT OF DEFENSE  
BASE STRUCTURE STUDY  
List of Abbreviations

E.: 1980

(C)	-	Contractor Operated
(I)	-	Inactive
AAA	-	Anti Aircraft Artillery
AAC	-	Auxiliary Air Field
AAT	-	Activity
AD	-	Air Defense
ADMN	-	Administration
AE	-	Air Force
AEB	-	Air Force Base
AEP	-	Air Force Plant
AER	-	Air Force Reserve
AESC	-	Armed Forces Reserve Center
AIS	-	Air Force Station
AISC	-	Air Force Systems Command
AICFT	-	Aircraft
ALF	-	Auxiliary Land Field
AMMO	-	Ammunition
ANPHB	-	Amphibious
ANG	-	Air National Guard
ANK	-	Anno-
ASW	-	Anti Submarine Warfare
BABN	-	Battalion
BMB	-	Commandment
CB*	-	Campal
CEC	-	(Army) Combat Development Experimentation Command
CINCPAC	-	Commander in Chief Pacific
CND	-	Command
CNO	-	Chief of Staff
CRPM	-	Communications
CST	-	Construction
D	-	Day
DAG	-	Duty Agent
DIA	-	Defense Intelligence Agency
DIB	-	Distribution
DIG	-	District
DILA	-	Defense Logistics Agency
DMA	-	Defense Mapping Agency
EAPAC	-	East in Pacific
ED	-	Education
EFG	-	Exercises
FAC	-	Facility
FIS	-	Flight Interceptor Group
FIO	-	Fleet

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MANPOWER REQUIREMENTS REPORT FOR FY 1981. BASE STRUCTURE ANNEX. (U)  
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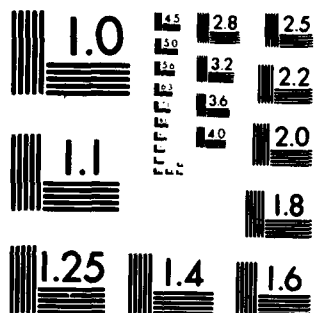
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DEPARTMENT OF DEFENSE

BASE STRUCTURE STUDY

List of Abbreviations

FY 1980

FMF	- Fleet Marine Force
FORSCOM	- (Army) Forces Command
FORTRPS	- Force Troops
FWD	- Forward
GD	- Ground
GP	- Group
HELO	- Helicopter
HQ	- Headquarters
IAP	- International Airport
IND	- Industrial
INF	- Infantry
INST	- Institute
IPAC	- Intelligence Command, Pacific
LANT	- Atlantic
MAG	- Marine Air Group
MAINT	- Maintenance
MARBDE	- Marine Brigade
MARDIV	- Marine Division
MAW	- Marine Air Wing
MC	- Marine Corps
MCAGTC	- Marine Corps Air/Ground Training Center
MCAS	- Marine Corps Air Station
MCCES	- Marine Corps Communications and Electronics School
MECH	- Mechanized
MED	- Medical
MIL	- Military
MISC	- Miscellaneous
MSL	- Missile
NARF	- Naval Air Rework Facility
NAS	- Naval Air Station
NAV	- Naval
NAVCOMS	- Naval Communications Area Master Station
NSA	- National Security Agency
NSWC	- Naval Surface Weapons Center
OFF	- Officer
OLF	- Outlying Landing Field
OPER	- Operations
OPNS	- Organization
ORG	- Pacific
PAC	- Plant
PLT	- Petroleum, Oils and Lubricants
POL	- Program
PRO	- Procurement
PROD	- Production

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DEPARTMENT OF DEFENSE

BASE STRUCTURE STUDY

List of Abbreviations

FY 1980

PROF	- Professional
PT	- Point
PT	- Point
PUB	- Public
RED	- Research and Development
RAF	- Royal Air Force
RC	- Reserve Component
RD&E	- Research, Development, Test and Evaluation
REC	- Recreation
RECON	- Reconnaissance
REG	- Regional
RES	- Reservation
SCH	- School
SPT	- Support
SND	- Squadron
STA	- Station
STRAT	- Strategic
SUB	- Submarine
SUP	- Supply
SYS	- Systems
T&E	- Test and Evaluation
TAC	- (Air Force) Tactical Air Command
TAG	- Tactical Airlift Group
TAM	- Tactical Airlift Wing
TECH	- Technical
TFG	- Tactical Fighter Group
TFW	- Tactical Fighter Wing
TNG	- Training
TRADOC	- (Army) Training and Doctrine Command
TWP	- Troop
USAREUR	- U.S. Army, Europe
USMA	- U.S. Military Academy
USMC	- U.S. Marine Corps
WG	- Wing
WKS	- Works
WRO	- Weapons Range

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